1953

Breeding Nursery Book 1

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES
2001-3590

Use G6 drawing pen to make out books

Rows 2069 to 2073 are v bad for WT-yf on block #178 1st t.

Row (Todd 172) cross with Ant + BBT

2765+66 are interesting to cross with early long sh. Type

Have Todd check 3012-15 for H.O.
3336-39 " " Kamej &
3016 = Dishon Ant rogue (like Kent)

Kameji lines = 2386 to 2550 scattered thru these numbers.

Herbal
2107
2128

Examine later

3026+

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

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16—53084-1

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Previous crop----------

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Seeder----------

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Rate----------

16—53084-1

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16—53084-1

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Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4–6–'08.
2. Disked (lapped half).....4–10–'08.
3. Harrowed.....4–10–'08.
4. Harrowed.....4–27–'08.
5. Seeded.....4–27–'08.
6. Harrowed.....4–27–'08.

SEEDING

Manner.....Drilled.

Date.....4–27–'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084-1

2001-2700 17 + 18.

2701-3400 15 + 16

3401-4100 13 + 14

4101-4800 11 + 12

4801-5100

2000	7/17 – 8/2			2000 unknown Lot 1
	V. green straw when ripe			
2002	7/17 – 8/2			✓
2003	7/22 – 8/5			
2004	7/22 – 8/4			✓
2005	7/22 – 8/2			✓
2006	7/23 – 8/2			✓
2007				2000 unknown Lot 2
2008				✓

are smallest rows in nursery, saved for 70

2000 Unknown Lot 3	8/7	Park & TP44 x ? Possibly the same as 53-96			2009
✓	8/7				2010
✓	8/7				2011
048	8/13	B51-3636-6-1		Cent. Rogue	2012
✓	8/12		-2		2013
✓	8/12		-3		2014
✓	8/12		-4		2015
✓	8/9		-5		2016

2017	8/13				2000. Serges. unknown Int 4
2018	8/13				✓
2019	8/13				✓
2020	8/8	8/17			4
2021	8/11				✓
2022	8/13				✓
2023	8/12				✓
2024	8/12				✓

B4536 A1-3-2-H, P-7689 x Hill Med

2011 8/8 Good tillering, normal leaves, Dudley, Platinum Knight, clean registration, Rotten shank shows on 2025 but not on 2026 thru 2032 and in canopy, Blue ring around grain, 2025

✓ 8/8 -2 2026

✓ 8/8 -3 2027

✓ 8/8 -4 2028

B4536A1-3-5-2-1 "

017 8/9 2029

/ 8/9 -2 2030

/ 8/9 -3 2031

/ 8/9 -4 2032

B4530A1-2-2-2-1-1, JP49x Hill Med

2033	8/9				2018
2034	8/7	-2,	4		✓
2035	8/13	-3	1		✓
2036		-4	11		✓
2037	8/10	-5	11		✓
2038	8/7	-6	11		✓
2039	8/7 - as early as Autumn, Has shorter stain	8,			2100 Series Unknown
2040	- 8/17				31

100	7/23	dead.				2041
✓	7/2	Dead	9/17			2042
✓			8/16			2043
✓			8/14			2044
	Very little blight, short straw					
✓			8/12 ✓			2045
	B459A-3-13-1-2-2-1, Hill Sel x Rexark					
105	7/30		8/8			2046
✓	7/30		8/8	-2,	"	2047
✓	8/3		8/11	-3,	"	2048

B459A3-18-1-2-1-1 Hi11 Sel x Rexark

2048	7/27	8/7			2119
2050	7/27	8/7	-2		✓
2051	7/26	8/12	-3		✓
2052	8/3	8/12	-4		✓
2053	7/30	8/10	-5		✓

are very short statured but for new type planting

B451.2A1-23-1-1-1 Hi11 Sel x BBT

2054	7/28	8/10			2137

Asa plant straw

2055	7/24	8/9			✓

V tall straw

Too tall lodged

2056	8/1	8/12			✓

V tall straw

B4513A1-23-1-1-1, Hill Sel x BBT

✓	7/27	8/11		2057
✓	7/27	8/11 "		2058
✓	7/31	8/11 "		2059
50	8/18	8/24		2060

are very tall

B4515A1-43-2-1 Hill Sel x RN

216	8/1	8/14		2061
✓	7/28 Dup	8/14 "	Check for spelting, good stiffness + quality, short straw Tup Cent, V, uniform grain type,	2062
✓	7/30 Dup	8/14 "		2063
✓		8/15 "		2064

like No 20 7 tillers last more uniform Hm 9/8

2065	B4515A1-43-2-1, 8/15	Hib/	Sel. x	RN 2216
2066	B4515A1-43-2-1 8/3 — 3/- Susp. Some late			2222
2067	" late			✓
2068	" 8/14			✓
2069	B51-3621-1, — 8/19 ++ for mh Tip 8/3	Cent. Rogue		2234
2070	" 8/18 ++ for mt Tip 8/3			✓
2071	" 8/18 ++ for mh. T			✓
2072	" 8/18 ++ for W. Tip good grain texture			✓

Rye stem smuts Cintheca Tilletia
Blue dean vegetation, V. Promising.

2239	B51-3621-1	8/15	Cent. Rogue			2073
✓		〃 8/15				2074
245	B51-3636-3A	8/15				2075
✓		〃 8/15	-2			2076
✓		〃 8/15	-3			2077
246	B51-3636-4,	8/15		〃		2078
	Vgood Antung type, short panic, malformity. good Ro check for drought here.					
✓		〃 8/15				2079
4	8/18	8/28				2080

B50-4332, Cent Rogue

~~B40SLA-1-3-8,~~

2081		8/15	2329
2082	"	8/15	✓
2083	"	8/15	✓
2084	B50-4345, Cent Rogue	9/15	2333
2085	"	8/15	✓
2086	"	8/15	✓
2087	"	8/15	✓
2088	"		✓

Typical century but shorter than desired for Straight head

2337	850-4381,	Cent. Rogue	2083
✓	"		2090

8

B50-4381, Cent Rogue

2101 8/14 2337

ant mat, on early Straw-loaded Century

B50-4401, Cent 234 Sol

2102 8/10 2339

2103 8/9 " ✓

2104 8/10 " ✓

2105 8/9 " 2344

2106 8/9 " ✓

2107 8/9 " ✓

Typical Cent adapt for grain type which is sl. fuller, more like a fyz grain. Watch, mill too straight & hard

B50-4429, Cent Rogue

2108 8/18 2369

v. tall, upr. stem & oth.

869	B50-4429, Cent Rogue 8/18 " v. tall, lge stem & gld		2103
389	Reidland Cent sol A " 8/14		2110
✓	" 8/14 typical century, test for straight heads,		2111
✓	" 8/14		2112
512	B52-2512-1 Cent Rogue 8/18		2113
✓	9/19 "	-2	2114
✓	8/13 "	-3	2115
✓	8/13 "	-4	2116

B52-2512-5, Cent Rogue

2117 8/10 2512 ✓

-6

2118 8/13 ✓

B50-6642; A. Jones TP

2119 8/10 2518

2120 8/20 — 92

B50-6642-2 A. Jones TP

2121 8/10 ✓

later than Cantua, some
aneas, prob. to commercial
value

-3 "

2122 8/10 not typical TP growth ✓

B4524A1-10-1-1, TP49x(TPxR-SBR)

2123 8/8 — 8/16 2536

" "

2124 8/10 ✓

B4524A1-10-1-1, TP49 x (TPx R-S BR)

536 8/10 2125

537 8/8 " about like 2128 but not as uniform 2126

✓ 8/10 " later than 2128 2127

✓ 8/7 " 8/15 a very heavy now uniform no blight or slightly 2128 Watch

B4524A1-34-1-1, "

541 — 8/14 2129

— 8/14 " 2130

— 8/14 " (+WT 8/5) 2131

B4524A1-37-5-2, "

545 — 8/26 2132

2133	B45 24A1-37-5-2, TP49x(TPxR-SBR)		8/26		2545
2134	"		8/26		✓
2135	~~B45 24A~~ BBt Type from B423B44		8/14		2558
2136	"		8/17		✓
2137	"		8/16		✓
2138	"		8/16		2561
2138	"		8/16		✓
2140					98

TP to much shrinkage, discc

BBt type from B 423 B 44

561 — 8/17 — 2141

B 4544 A 1-1-1, R-7689 x R N

577 7/26 Very Cereal late plants — 2142
Extremely early, looks v. good
Uniform
1st type on 8/15
"

✓ 7/28 8/6 — 2143
like 2142, crept through time
for maturity, long slender grain Good

" 8/6
✓ 7/30 — 2144
One late plant present

Hill Med Roques
608 - 1.0 Prob 2 x (Hill Med - R) — 2145
F 3 lines
7/28

✓ 8/1 " — 2146

✓ 8/1 " — 2147

8/1 " — 2148

Harvested Aug 1st

2149	8/5	H. 11 Med	Rogues	2608-10 F3 lines
2150	8/5	"		✓
2151	8/5	Unknown		2611
2152	8/4	"		✓
2153	8/4	"		✓
2154	8/4	"		✓
2155	7/30 - 8/7	BH5-15-1-8-2-1-2-1, Hill Med x 2		2616
2156	7/30 - 8/7	"		✓

	B45-15	-1-8-2-1-2-1,		Hill Mod 2		
616	7/30	8/7				2157
	B49-12-4-2			"		
622	7/30	8/7				2158
✓	7/30	" 8/7		"		2159
00						2160
	B49-12-4-2			"		
✓	7/31	8/7				2161
✓	8/1	" 8/8				2162
✓	8/✓	" 8/10				2163
✓	8/✓	" 8/7				2164

Averaged
Ind to Myles

B49-12-4-5, Hill Med x Z

2165 8/2 ~ 8/8 2626

2166 " wTyp 8/3 ~ 8/8 ✓

B49-12-8-2

2167 8/3 2628

2168 " 8/2 ✓

2169 " 8/4 ✓

B437A1-6-17-4-1-2, SmBR-BR41x 8323

2170 8/3 ~ 8/14 2630

2171 8/4 " 8/14 ✓

2172 8/4 " 8/14 ✓

all 6 grow on V. Uniformum

B437A1-6-17-4-1-2, SmBR-BR41x 8323

2630 8/4 8/14 2173

Very heavy, low straw of 8323. Some bright, later than Zenith

" 8/4 8/14 2174

" 8/4 8/14 2175

B431 B49-9-2-3 "

638 8/4 8/13 2176

" 8/4 2177

" 8/14 2178

B456 A1-3-3-1-1, Bruin Sel x Z

644 8/8 2179

Best of this line, uniform discard.

2180

B4564A1-3-3-1-1, Brun Sol x Z

2181	8/8			2644
2182	8/6	"		✓
2183	8/9	"		✓
2184	7/30	"		2645
2185	7/30	"		✓
2186	7/28	"		✓

B4564A2-12-2-1-1, "

2187	7/28-8/6			2650

much shorter straw than others. Smooth, at least as early, threshed as Zenith

2188		"		✓

650 B4564A2-12-2-1-1, Bruin Sel x Z 2189

653 B4564A2-12-2-1-2, " 2190

2201	B4564A2-12-2-1-2,	8/1 – 8/10	Bruin Sel x Z		2653
2202	"	8/1 – 8/10			✓
2203	B4564A2-12-5-2-1,	7/31 – 8/10	"		2657
2204	"	8/10	"		✓
2205	"	8/1 – 8/10	"		✓
2206	B4564A4-35-18-4-2,	– 8/14	"		2663
2207	"	8/14			✓
2208	"	8/14			✓

Many tubers & rather weak stems

B4313 A2-57-1-2-2-1, SmBR-BR## x F-R.

2668	8/25		2209
✓	8/27 "		2210
✓	8/27 "	Very tall	2211

B433A 2-6-10-7-1-3, B41-3299 x (R-SBR x BR

670	8/8		2212
✓	8/8 "		2213
✓	8/8 "		2214
✓	8/8 "		2215
✓	8/8 "		2216

B4536A1-24-2-4, R-7689 x Hill Med

2217		8/27	2690
2218	"	8/27	✓
2219	"	8/27	✓
2220			110

B4031A1-1-1-2, TPx R-SBR

2221	9/5		2736
2222	9/5	"	✓
2223	9/4	"	✓

B4031A1-3-3, "

2224	9/10	8/21	2737

737	B4031A1-3-3, TPxP-SBR. 8/9	8/21		2225
✓	8/9	8/21	Heads sized about like Argus sel shorter head & later than Cent, slender straw than Cent, poor yield	2226
✓	8/9	8/21		2227
742	B46-4935-31-5-1-1, Hill Nat'l Cross 8/25			2228
✓		"		2229
745	B46-4935-29-1-14,		"	2230
✓		"		2231
/		"		2232

2233	B4527A1-29-1-1-1, T P49 x Rox.			2746
2234	"			✓
2235	"			✓
2236	"			✓
2237	"			✓
2238	"			✓
2239	B4527A1-16-1-3-2, - 8/25		"	2751
2240	— - 8/12		"	4

Looks V. good, slightly greener color than A1-42
Excellent tillering

B45 27A1-16-1-3-2, TP4 x Rex

2751 — 8/28 — ? are v. long panicle + good lodging 2241

✓ — 8/27 — " — 2242

✓ — 8/26 — " — 2243

B4527A1-42-1-1-2, "

754 8/25 — " — 2244

✓ 8/24 — " — 2245

✓ 8/22 — " — 2246

✓ 8/22 — " — 2247

✓ 8/22 — " — 2248

2249	B4527A1-42-1-1-2, TP49 x Rex	8/24			2754
2250	B4539A1-19-11-2-1, R-7689 x Rexark	8/27			2767
2251	"	8/26			✓
2252	"	8/25			✓
2253	"	8/25			✓
2254	"	8/25			✓
2255	"	8/25			✓
2256	B459A3-14-1-1-1, Hill Sel x Rexark	8/20			2771

771	4/20	B459A3-14-1-1-1,	Hill Sel x Rexark		2257
✓	4/20	"			2258
✓	9/23	"			2259
1	—	9/15			2260
771	4/20	B459A3-14-1-1-1,		"	2261
✓	8/20	"			2262
776	8/18	B459A3-54-1-1-3, 8/28		"	2263
✓		" 8/27			2264

	B459A3-54-1-1-3, Hill Sel x Perark			
2265	8/27			2776
2266	" 8/27		"	✓
	B459A3-84-2-2,		"	
2261	8/25			2782
2268	8/24 "			✓
2269	8/24 "			✓
	B459A1-37-3-2-1,		"	
2270	8/24			2783
2271	8/25 "			✓
2272	8/10 " Segr.			✓

787	B459A1-52-1-1-2, 8/18 Segr.		H.11Sel x Rexark	2213
✓	8/18 Segr.	"		2214
✓	8/24	"		2215
✓	8/24	"		2216
✓	8/12 Segr.	"		2217
✓	8/12 Segr.	"		2218
811	B459A3-6-1-2-1, 8/27		"	2219
50	8/26	"		2220

2281	B459A3-6-1-2-1, Hill Sel. + Rockmk					2811
2282	8/13 - 8/21	"				✓
2283	B459A3-8-4-1-3, 8/20	"				2815
2284	8/20	"				✓
2285	8/21	"				✓
2286	B4510A1-8, Hill Sel. + Bbt.					2831
2287		"				✓
2288		"				✓

2834	B ½ S 12 R1-17-1-3, hill	sel. + Bet.	2289
✓			2290

2301	B4512R1-17-1-3, hill 3cl.+BBt. 8/11 - 8/22		2834
2302	8/11 - 8/22	"	✓
2303	B4512R1-50-2-1, hill scl+Bbt. 8/21		2837
2304	8/21	"	✓
2305	8/21	"	✓
2306	B4511R1-32-2-2, Hill scl.+(TP+R-SBR		2850
2307		"	✓
2308		"	✓

Have BBt-any growth

Have Cantaloupe any growth

B45 11R1-51-2-1, Hill Sel. x (TR x R-SBR)

357				2309
		"		2310
	8/25	" W Tup		2311
		"		2312
		"		2313
		"		2314
69	B45 11R1-87-2-2,		"	2315
		"		2316

Late, v short stamen type / v good grain

2317	B4511A1-87-2-2, Hill Sel.+(TP+R-SBR)				2869
2318	"				✓
2319	"				✓
2320	-8/27				64
2321	"				✓
2322	"				✓
2323	B4515A1-6-1-5, Hill Sel.+RN -8/26				293P
2324	" -8/26				✓

✓ Short sturdy stem, green leaves, white slight shrivel. Very slight green netting, watch

930	B4515	R1-6-1-5, Hill sel. x RN			2325
	"	8/26			
947	B4031	R1-1-5-2-2, TP+R- SBR			2326
	V short stems with dots, V green stems + leaves, V stinky				2327 Hv
		"			2328
50	B4031	R1-1-10,	"		2329
	8/26				
	8/25	"	"		2330
	8/26	"	"		2331
53	(unknown) 8/22				2332

2333 (UNKNOWN) 8/22 2953

2334 8/24 ✓

2335 8/25 ✓

B4538 A1-2, R-7689+TP+R-SBR

2336 8/23 2962

2337 8/23 " ✓

W/ fairly latex uniform green Ston
Sent to commercial

2338 8/25 " ✓

2339 8/22 " ✓

2340 8/21 9 ✓

Extremely smooth mfg. granule + charbon gum

B4538 A1-2, R-7689 + TP + R-SBR
8/23 2341

B4538 A1-62-11-1, " 2342
8/11 8/25
sage gran

" 8/25 " " 2343
more uniform than 2342
A very good Century type, Sl. late
than Century, grain finer

B4524 A1-6-5-1, TP497 (TP+R-SBR) 2344

" 2345

" 2346

dark green color

B46-4797-5, Rotark Sel. 2347

" 2346

2349	B46-4797-5, Rotark Sel.				3019
2350	Shot stem, v sturdy, like rogue, resistant to cold, leaves stay green. Watch, crossvein Bbt.	"			✓
2351	8/26	"			✓
2352	B51-4322 8/27		Bbt. 50 Sel.		3072
2353	8/21	"		"	✓
2354	8/21	"	"	"	✓
2355	8/24	"	"	"	3076
2356	8/21	"		"	✓

	B51-4322			Bbt. 50	Sel.	
076	8/24					2357
078	8/24	"			"	2358
/	8/23	"			"	2359
18		" - 8/14			"	2360
085	8/25	"			"	2361
/	8/24	"			"	2362
/	8/23	"			"	2363
103	8/21					2364

B51-4341 Bbt. 50 Sel.

2365 8/21 3103

2366 " " " ✓

367 " " " ✓

2368 " " " ✓

B51-4352, Reid/and Flavored BBt.

2363 8/27 3122

2370 " " " ✓

2371 " " " ✓

2372 " " " ✓

Del V. Del Bbt and T. V. Umpqua
round Lucky
Middle Fork
V. Little C O

122	B51-4352, 8/27		Reidland Flavored Bbt.			2373
✓	8/27		"		"	2374
128	B47-3743, 8/26		Bbt. Sel.			2375
✓	8/24	"		"		2376
✓	8/23	"		"		2377
✓	8/24	"		"		2378
134	B49-4601 9/26		Bbt. Sel.			2379
00						2380

B49-4601 Bbt. Sc.

2381	8/26			3134
2382	9/25	"	"	✓
2383	9/25	"	"	✓
2384	8/10 - 9/25	Re Sand Mudstone Earlier Heavy Sand Mudstone		3150
2385	8/10 - 9/25	Clay Shale Water	Clay Shale	✓

B454 R1-81-26-1, Bbt. + K-R

2386				3166
Hr	run title CO check for resistance			
2387	8/2	"	"	✓
	Hr CO.			
2388		"	"	✓

67	BH5 # R1-81-26-1,		BBt. +	K-R		2383
✓		"		"		2390

B454R1-81-26-1, BBt. x K-R

2401	8/25			3167
		B454A1-82-8-1,	"	
2402	-8/28			3168
2403	8/27	"	"	✓
2404	8/27	"	"	✓
		B454A1-81-8-1, BBt. x K-R		
2405	- 8/25			3169
2406	8/24 -	"		✓
2407	8/23 —	"		✓
		B4512A1-32, Hill Sel. + BBt.		
2408	8/22 —			2170

All Hyas same CD on 10/20

170	8/23	B4512	A1-32,	kill sel. + BBt.		2409
	8/21		"			2410
171	8/20	B454	A1-84-14-2,	BBt. + K-R		2411
	8/20		"			2412
	8/22		"			2413
171	8/27		"			2414
	8/27		"			2415
	8/26		"			2416

2417	B454A1-81-8-1,	BBt.	x K-R		3171
2418	B455A1-8-4-3,	BBE.x	(TP x R-SBR)		3209
2419	8/13	"		"	✓
2420					161
2421	8/13				✓
2422	8/10				✓
2423	8/11				✓
2424	8/12	"			✓

Tall range on 8/13 down Lemmon Grade then cut to the left; Toy Tail Area

		B455A1-8-4-3, BBt x (TP+R-SBR)		
209	8/20			2425
	8/20	"		2426
	8/20	"		2427
		B52-3217-1 (BBt. (50?) Scl.)		
19	8/23			2428
	8/24	"		2429
	8/24	"		2430
		B455B2-11-2-1, BBt. x (TP+R-SBR)		
75	8/20			2431
	8/20	wt+ "		2432

B455B2-11-2-1, Bkt.+(TP+R-SBR)

24338 8/20 – wt + 3275

B343B47-18-11-4, N+K

24348 8/24 – 3462

24358 8/23 – " ✓

24368 8/23 " ✓
check for CO resistance
none showing

24378 8/23 " ✓
check for CO resistance

24388 8/18 – 8/27 " ✓

B4526A4-4-1, TP49+(TP+R-SBR)

24399 3008

24400 110

3008	B4526 R4-4-1, TP49+(TR+R-SBR)	2441
	"	2442
	A very good TPX 9-type	Dr
336	B454HA1-16-2-1, R-7689 x RN	2443
	"	2444
	"	2445
345	B454HA1-27-1-2, R-7689 x RN	2446
	"	2447
	"	2448

B

2449	B45H4A1-34-1-1,	R-7689	RN	3356
2450		"		✓
2451		"		✓
2452	v. late, clean fx "Ho; crust thgs; Extreme regt, major			✓
2453		"		✓
2454	B4531A2-93-4-3,	TP49	RN	3378
2455	"			✓
2456	"			✓

378	B4531 A2-93-4-3, TP49 x R x N			2457
422	B4537 A1-58-3-2, R-7689 x (TP x R-7689)			2458
	V. late, grad long" grain type V. long panicles Check counted grad.			2459 Hx
4	8/6	8/16		2460
		"		2461
448	B49-552-6, R-7689 Rogue			2462
		"		2463
		"		2464

2465	B49-552-6,	R-7689	Rouse		3448
2466	Karang-Serang				3454
2467	"				✓
2468	"				✓
2469	"				✓
2470	B43-280,	1-3-1-2,		TP Sel.	3477
2471		"		"	✓
2472		"		"	✓

		B49-5825 Rexoro Sel.			
505	8/22				2473
	9/21	"	"		2474
	8/22	"	"		2475
		Hyb. Mit 12-47-6-2-1-1, Late Sh. gr. Bulk			
82		8/24			2476
		8/24	"		2477
		8/24	"		2478
		8/24	"		2479
	8/7	8/16			2480

And very uniform, and tall
Thin Leaves, green

2481	Hyb. Mix 12-49-3-11, late Sk. gr. Bulk		late	3604
2482	"		"	✓
2483	B343B49-3,		N+K	3608
2484	med-giant,		"	✓
2485	"		"	✓
2486	"		"	✓
2487	B343B49-4		N+K	3611
2488	"		"	✓

NoCO. Check for resistance.
v. late, 1 panicle only, pith emerged from sheath

Semi sattiva

and V. late not emerged from sheath

Lodged badly

decumb

B343B49-4 3611			N&K	2483
	"		"	2490

	B343B49-4				
2501	- 9/3			NxK	3611
2502	" - 9/3	all annuals mid-plant grain type, water no C.O on 10/28		"	✓
	B343B49-5				
2503	- 8/30			"	3614
2504	" 8/30			"	✓
	1 eggplant 1st head on 8/8 slender grain, V bad for to last may be den for C.O, narrow leaves. Watch.				
2505	" - 8/30			"	✓
	B343B49-10				
2506	- 9/3			"	3617
2507	" - 9/3			"	✓
2508	" - 9/3			"	✓

17	B343B49-10	9/4			N+K	2503
		" 9/4			"	2510
		" 9/4			"	2511
19	8/24	"			"	2512
	8/24	"			"	2513
	8/24	"			"	2514
	8/24	"			"	2515
22	8/24	"			"	2516

B343B49-10 NxK

2517 8/24 3622

Looks like mo. check for C.O.

" "

2518 8/24 ✓

B342B49-515

B349-515 CaxR

2519 8/13 3627

2520 50

2521 " " ✓
8/13

2522 8/15 " " ✓

2523 8/15 " " ✓

2524 8/25 " " 3630

330	~~B49-515~~ 8/25			Co x R	2525
	10CO, med-grain type, dk. brn. ash grave gmd. pr small mud-gr.				Dv
	〃			〃	
	8/25				2526
336	B454A1-83-1-1, BBt x				K-R 2527
	〃			〃	2528
	〃			〃	2529
75	B323B39-13			R+SBR	2530
	〃			〃	2531
	〃			〃	2532

2533	Karang-serang	B47-4942		3717
2534	-9/5	"		✓
2535	-9/5	"		✓
2536	B4541A1-H1,	R-7689+TP49		3765
2537	"	"		✓
2538	"	"		✓
2539	B4545A2-1	TP+hill Med.		3781
2540				64

Short stem, Sturdy, clack guard

late

	B4545A21	TP + Hall Mob.	2541
	"	"	2542
	"	"	2543
	"	"	2544
	"	"	2545
	B343B47-18-11-4,	N + K	2546
	"	"	2547
	"	"	2548

2549	B4545A2-1		TP + Hill Mod.	3785
2550	"		"	✓
2551	"		"	✓
2552	"		"	✓
2553	"		"	✓
2554	B4545A2-3-2-2-1,		"	3790
2555	"		"	✓
2556	"		"	✓

B4545R2-3-2-2-1, TP & Hill Mod.

2557

" " 2558

" " 2559

2560

" " 2561

" " 2562

" " 2563

B4545A2-3-2-21, TP & Hill Mod. 2564

Shorter than 2557 et al

B4545A2-3-2-2-1, TP x Hill Med.

2565 (380)

fuller grain, slender straw than 2557, et al

" "

2566 ✓

not to migrate
neg. granite 256
et al. Wyatt

B4545A2-3-2-4-1, " "

2567 3804

" "

2568 ✓

" "

2569 ✓

" "

2570 3807

" "

2571 ✓

" "

2572 ✓

28	B4552 R1-18	TR R-7689	2513
	"	"	2514
	"	"	2515
	"	"	2516
	Send to Corrected		Kw
37	B4552 R1-15,	"	2517
	"	"	2518
	"	"	2519
8	8/14		2580

2581	C.I. 8629	Glutinous			3938
2582		"			✓
2583		"			✓
2584		"			✓
2585		"			✓
2586		"			✓
2587	B438A	Nat'l, Cross			3944
2588		"			✓

Marketed by Brabender (B439 Mfg.)

44	B438A	Natl	Cross		2589
		"			2590

2601	B438A 9/7	Natl	Cross	3945
2602	9/5"			✓
2603	9/4"			✓
2604	B438A 8/8 Seq	Natl	Cross	3947
2605	8/10 Seq		"	✓
2606	B452TA1-27		TP49 x Rexoro	4070
2607	〃		〃	✓
2608	〃		〃	✓

B45207 R1-27, TP49 x Redcoat 2609

Gold grains from B438A Head Row 2610

Hyb. Mix-11-47-11-3, C. Sh. 4n Bolk 2611

" " 2612

" " 2613

B4541A1-13 R-7689 x Bbt. 2614

" " 2615

" " 2616

Planted Imp on 8/13

N. good rather late type
Send to Camrose

2617	B4541A1-13		R-7689A TP49	4813
2618	"	Tabl. Lug. on 8/13	"	✓
2619	B4555A1-30 8/13		Bbt. x (TP4R-SBR)	4676
2620				100
2621	8/13 "		"	4676
2622	8/13 "		"	✓
2623	8/13 "		"	✓
	Good Bbt Type			
2624	8/13 "		"	✓

77	©4522A1-55	TP49 + BBC.	2625
✓	"	"	2626
✓	"	"	2627
	ll T Potua from Lead Road		2628
	hort T. Potua,	" "	2629
87	C48-8087	Guidry	2630
	"	"	2631
	"	"	2632

2633	T. Patna 49 (Pr. culm)			3489
2634	"	"		✓
2635	"	"		✓
2636	"	"		✓
2637	"	"		✓
2638	"	"		✓
2639	B 49-5834	Rexford	Sel.	3508
2640	—			101

508	B49-5825	Rexoro	Sel.	2641
	"	"		
	v. tall, long sl grain, beard, v narrow leaf		green stem, late	2642
	"	"		2643
	"	"		2644
	"	"		2645
24	B324 B49-6	Rx5094		2646
	"	"		
	good T. Potter type			2647
	"	"		2648

Tillage pools, Cook Mich. vegetative stage

B3412 B47-2 Co + R.

2649 8/24 3643

2650 8/24 " " ✓

2651 8/24 " " ✓

2652 8/24 " " ✓

2653 8/24 " " ✓

2654 8/24 " " ✓

pro CO rather tall
check for CO vacuum

2655 9/3 " " 3645

2656 9/3 " " ✓

645	9/3	B3712 B47-2	Co x R.	2657
r	9/3	"	"	2658
/	9/3	"	"	2659
0				2660
/	9/3	"	"	2661
50	8/30	B3712 B41-1	Co x R	2662
/	8/30	"	"	2663
	Green strand, leaning,		Straw Type	1lb
1	8/30	"	"	2664

2665	B3712B41-1 8/30	Ca × R	3650
2666	" 8/30	"	✓
2667	" 8/30	"	✓
2668	B3712B41-1-2-1	Ca × R	4853
2669	"	"	✓
2670	"	"	✓
2671	B3781B49-2 Profuse tillering, coarse structure tall, long grain	R × 81C	3658
2672	"	"	✓

658	B3781 B49-2,			R x 81 C	2673
✓	"			"	2674
✓	"	8/13		"	2675
✓	"	Tall hyp. on.		"	2676
662	B3781 B49-5,	9/1		"	2677
✓	"	9/1		"	2678
✓	"	9/1		"	2679
✓	8/4	8/13			2680

2681	B3781B49-5, 9/1 –	Rx81C	3662
2682	B3781B47-4 9/5 –	R+81C	3664
2683	9/1 – "	"	✓
2684	9/1 – "	"	✓
2685	9/5 – "	"	✓
2686	9/5 – "	"	✓
2687	B3781B47-4 9/3	R+81C	3665
2688	"	"	✓

not typical of other rows, prob a mixture short straw, 2nd. Palmer type.

Very small Ep

B37818 47-4 3665			R+8IC		2689
✓	"			"	2690

2701	B3781B47-4	R×81C	3665
2702	"	"	✓
	like, as like 2688, sent to Cornell		
2703	B4045B49-11-1	R×SBR×BR41	3685
2704	"	"	✓
	an erect stained Jap variety short straw, green straw BR mut.		
2705	"	"	✓
2706	B323B39-13	R×SBR	3678
2707	"	"	✓
	like 2704 but taller & fuller grain		
2708	"	"	✓

78	B323	B39-	13	R+SBR		2709
		"			"	2710
17	B4031A		rogue			2711
18		"				2712
20		"				2713
74	B4031A	1-1-1		Nat'l. CROSS		2714
		"			"	2715
		"			"	2716

B4031A1-1-1

2717			Nat'l. Cross	4074
2718	"		"	4078
2719	"		"	✓
2720				31
2721	"		"	4083
2722	"		"	✓
2723	"		"	✓
2724	"		"	✓

Richard Lee Arms typed Lee for Thos. Lee on small blue 'Lee' typewriter

gold thumb

083	B4031 R1-1-1		Nat'l. Cross	2725
✓	gold beads		"	2726
086	"		"	2727
✓	"		"	2728
✓	"		"	2729
15	B433 R2-6-10-7-1-3			2730
✓	"		"	2731
✓	"		"	2732

2733	B435A2-6-10-7-1-3		4615
2734	"		✓
2735	"		✓
2736	B454A1-24	BBt. + K-R	4666
2737	"	"	✓
2738	"	"	✓
2739	"	"	✓
2740			✓

Same appear P to GO, check in 1954

667	B454	A1-81	Bbt. & K-R	2741
		"	"	2742
		"	"	2743
668	B341	2B43-22	Cg & R	2744
		"	"	2745
		"	"	2746
		"	"	2747
47	B322	B47-12	R & F	2748

2749	B3202B47-12	R+F	4747
2750	"	"	✓
2751	B343B47-18, R to C, O, good lot Petra type	N+K	4855
2752	"	"	✓
2753	"	"	✓
2754	B41-3282-1	Sm. BR	4788
2755	"	"	✓
2756	"	"	✓

Large Ho spots dust no C, O, V, Good patum green + buff cultures are clean

4788	BH1-3282-1,	Sm. BR	2757
✓	"	"	2758
✓	"	"	2759
4			2760
789	Supreme Blue Rose		2761
✓	"		2762
✓	"		2763
✓	"		2764

2765	Century Rogue. Earliest plant in 1951 breeding nurs. 8/11 –			wilt, lesions, dumping off 8/17	5105
2766	" 8/11 –				✓
2767	Zenith Parent Rogue	(Salt Water Line)			4924
2768	" Rogue		"		4926
2769	Zenith Rogue				4930
2770	B+031 A1-1-1-2-2-1, TPH R-SBR				4620
2771	" good late Patura row earlier than Ref.		"		✓
2772	"		"		✓

622	Nolte Cent. (sh. straw)				2773
✓	a darker green & sl. shorter than 2770-72 on 8/13	"	"		2774
✓		"	"		2775
	Stockdick, Fort. Type				
631	8/10				2776
✓	8/10	"	"		2777
✓	8/10	"	"		2778
✓	8/9	"	"		2779
✓					2780

2781	Stockdick, BBt. Type			4632
	no C.O. green straw			
	sl late than BBt,			
	v. good row, Watch			
2782	"	"		✓
2783	"	"		✓
2784	B4535R1-29	R-7689 ×	BBt.	4657
	V. short straw; green straw; good grain type, rather late.			
	Sent to Committee			
2785	"	"		✓
2786	"	"		✓
2787	B4536R1-24-2-4,	R-7689 ×	Hill Mc	2702
2788	"	"		✓

B4536A1-24-2-4, R-7689 x Hill Mod
2783

B4538A1-10, R-7689 (TP+R-SBR)
2790

2801	B4538 A1-10,	R-7689 +	(TP+R-SBR) 4660	
2802	"		"	✓
2803	B455 A1-25,	BBt. +	(TP+R-SBR) 4670 prod F1	
2804	"		"	✓ ✓
2805	"		"	✓ ✓
2806	"		"	✓ ✓
2807	"		"	✓ ✓
2808	"		"	✓ ✓

B455R1-27,	BBt. + (TP + R - SBR)		2809
"	"		2810
"	"		2811
"	"		2812
B459R3-14-1-2-3,	Hill Sel. + Rexark		2813
"	"		2814
"	"		2815
B459R3-14-2-1,	Hill Sel. + Rexark		2816

2817	B459R3-14-2-1	Hill sd. & Rotork		4689
2818	"	"		✓
2819	B459R3-63-3-1-1,	"		4694
2820				98
2821	B459R3-63-3-1-1,	"		4694
2822	"	"		✓
2823	Century 233-1			4701
2824	"			✓

01	Century 233-1	2825
03	B4511R1-50, Hill Sel. + TP4 R-S@R	2826
	" "	2827
	" "	2828
25	B4526R4-4-1, TP49 + (TP4 R-S@R)	2829
	lite, good TP49 type " short straw "	2830
	" "	2831
26	~~B4530R3-61-1, (TP49) × Hill Mod.~~ "	2832

2833	B4526R4-14,	{TP49 x (TP x R-SBR)	4726
2834	"	"	✓
2835	B46-4797-5-1-3	Rogue Sel.	4733
2836	"	"	✓
2837	"	"	✓
2838	B4544R1-26	R-7689 x RN	4735
2839	"	"	✓
2840			100

HO-341-1-1-1 TP49×B3812R

2841

" "

2842

" "

2843

R-R

8/7 - 8/14

2844

Reverse Red, V. early

8/7 - 8/15

2845

Reverse × Red Ng Sh

- 8/16

2846

R-R

- 8/14

2847

Glut Result from Angleton

2848

2843	Glutinosa	Zenith (Singleton)		
2850	"	"	"	
2851	Winterman	Zenith		
2852	Adams 2866 et al	"		
2853	Glutinosa	Zenith		H.R. Incr.
2854				✓
2855				✓
2856				✓

Glutmous Zenith	2857
	2858
Intermon Zenith	2859
	2860
Glutmous Zenith	2861
	2862
	2863
	2864

Same as 2866

2865 Glutinous Zenith — HR 2ncr

2866 Common Zenith — HR 2ncr Rough

2867 ✓

2868 ✓

2869 ✓

2870 ✓

2871 ✓

2872 ✓

Dark middle lemon, lighter green color and not so glutinous type as next lemon one

5

Winterman	Zenith		2873
"	"		2874
ommon	Zenith		2875
			2876
			2877
			2878
			2879
Winterman	Zenith		2880

are tall. Winterman Zenith
over 2880 to 2873 and lights
green color.

2881 Winterman Zenith

2882 Common Zenith HR Quer

2883 ✓

2884 ✓

2885 ✓

2886 ✓

2887 ✓
Shorter stem than Zenith
A hybrid plant at east end of row

2888 ✓

	Common Zenith				
R ver					2883
K					2880

2901 Common Zenith

2902 ✓

2903 ✓

2904 ✓

2905 ✓

2906 ✓

2907 ✓

2908 Winterton Zenith

HR
Dwr.

Zenith 7 in 8/13
Winterton 7 in 8/13
Zenith 7 in 8/13
Winterton 7 in 8/13

Interman Kenneth			2909
01-05	B4045B 47-4-2-2-1, Glutinous	R x S BR x BR	2910
	"	"	2911
	"	"	2912
	"	"	2913
	"	"	2914
	"	"	2915
43	B4311A1-15-2-1-1, Sm. BR-BR41 + 8323-2		2916

Y. shrunken, very grainy on 8/15, dark green color

2917	B7311A1-15-2-1-1, Sm. BR-BR41×8323- club panicle type			2643
2918		"	"	✓
2919		"	"	✓
2920				101
2921		"	"	✓
2922	B49-6233-3-3,		Gl. ot. BBt.	3870
2923		"	"	✓
2924		"	"	✓

70	B49-6233-3-3			Glt. Bbt.	2925
		"		"	2926
		"		"	2927
			WT+		2928
					2929
					2930
					2931
78	B47-4399-2-1			C.F. 5099 Nat'l Cr.	2932

Above 3820 but under 3828

2933	B47-4399-2-1		C.F.5099	Natl. Cr. 3878
2934	"		"	✓
2935	"		"	✓
2936	B47-4399-7-1		C.I.5399	Natl. Cr. 3884
2937	"		"	✓
2938	"		"	✓
2939	"		"	✓
2940				110

- Velvet magnet like 2949 slab

B47-4399-7-1	C.F. 5399	Natl. Cr.	2941
"	"		2942
B47-4399-7-2	C.F. 5399	Natl. Cr.	2943
"	"		2944
"	"		2945
"	"		2946
"	"		2947
"	"		2948

Very short neg. ground like 2949-etal

2949	B47-4399-8-2			C.D.5399	Nat'l. C. 3890
2950	"			"	✓
2951	"			"	✓
2952	"				" ✓
2953	"			"	✓
2954	"			"	✓
2955	B47-4399-16-3			C.I 5399	Nat'l. C. 3902
2956	"			"	✓

Upper surface about 1/2 granite + numerous lenses of 8/13 excellent titling

902	B47-4399-16-3			C.I. 5399	Nat'l. Co.	2957
✓		"		"		2958
907	B47-4399-1-16-3			C.I. 5399-Natl. Co.		2959
						2961
✓		"		"		2961
✓		"		"		2962
✓		"		"		2963
908	B47-4399-1-16-3			C.I. 5399	Natl. Co.	2964

2965	B47-4399-1-16-3	C.I. 5399 Nat'l	3908
2966	"	"	✓
2967	"	"	✓
2968	"	"	✓
2969	"	"	✓
2970	B47-4397-1-1	C.I. 5399 Nat'l. Ca	3913
2971	"	"	✓
2972	"	"	✓

13	B47-4397-1-1	C.I. 5399	Nat'l. Cr.	2913
	"	"		2914
	"	"		2915
15	B47-4394-2-3	C.I. 5399	Nat'l. Cr.	2916
	"	"		2917
	"	"		2918
	"	"		2919
				2920

2981	B47-4394-2-3		C.I. 5399	Nat'l. Co. 3915
2982	"		"	✓
2983	B47-4394-18-2		C.I. 5399	Nat'l. Co. 3919
2984	"		"	✓
2985	"		"	✓
2986	"		"	✓
2987	B47-4394-18-2		C.I. 5399	Nat'l. Co. 3921
2988	"		"	✓

B47-4394-7-1 3924		C.F. 5399	Nat'l. Co. 2933	
"		"	2990	

Smooth BR type, Cross unit BR types or Zuni fr smooth medium grain type

3001	847-4394-7-1	C.I. 5399	Natl. Cr. 3924
3002	847-4385-87-8-1	C.I. 5399	Nat'l. Cr. 3928
3003	〃	〃	
3004	〃	〃	✓
3005	〃	〃	✓
3006	847-4385-87-3-1	Glt.	Nat'l. Cr. 4772
3007	〃	〃	✓
3008	〃	〃	✓

Fairly tall, Smooth BK type, BK mat, good to com with BK type

Short stemmed med cr. V. good.

V. good Jap grain type BK mat. Short stem Sturdy straw Watch, at last, 6-Row

Nv

B47-4385-87-3-1 Sel't. Nat'l. Co.

3008

" "

3010

" "

3011

Red Rice Type from Century

3012

"

3013

Clean Low Ht ~ 8/3
V. good Tillering
Fairly adapt Stem Rust
Resists

"

3014

"

3015

Cent X Red (Dickson)

3016

8/1 8/9

V. Uniform, Med Red Awnless

3017	Long grain red	5023
3018	B 48-3555-1-4-8-1, Hill P.X Red 2d typical Red	5025
3019	" " " 9 good Red-grained Patina check for C19	5029
3020		50
3021	Bluehommet	4983
3022	"	4984
3023	Bluehommet 3 Has a Red seed coat?	4985
3024	Red seed coat	4985

85	Bluebonnet sel					3025
87	B48-3555-1-4-1-1, Hull P. x Red Russian					3026
	"					3027
	"					3028
	"					3029
89	"					3030
	"					3031
	"					3032

3033	B48-3555-1-4-1-1,	Hill P.	x	Rid	3989
3034	"		"		3990
3035	"		"		✓
3036	"		"		✓
✱	Earlier than adj. rows no C.O. Good Jersey Type Sent to Connecticut				
3037	B48-3555-1-4-3-1,		"		4001
3038	"		"		✓
3039	"		"		4003
3040	"		"		64

003	B48-3555-1-4-3-1, Hill P × Red				3041
✓		"			3042
004	B48-3555-1-4-3-4, good blast shrunk type TP mut.			"	3043
✓		"		"	3044
✓		"		"	3045
006	8/9 Seg.	"	B13t mut good BB type	"	3046
✓		"		"	3047
✓	9/1 V	"		"	3048

3049	8/12	B48-3555-1-4-3-4,		Hill P. ×	Red 4006
		v good row			
3050		mottled	red seed coat		4008
3051		"			4008
3052		"			✓
3053		"			✓
3054		"			✓
3055		"			✓
3056	8/11	"			4009

009	B48-3555-1-4-3-4,				Hull P. x	Red 3057
✓	8/5	"				3058
✓		"				3059
92						3060
✓	B48-3555-1-4-3-4,				Hull P. x	Red 3061
011	B48-3555-1-4-5-2,				"	3062
✓		"			"	3063
✓		"			"	3064

Have V. dark green leaves,

3065	B48-3555-1-4-5-2,	Hill P	x	Red 4011
3066	"	"		✓
3067	"	"		✓
3068	"	"		4012
3069	"	"		✓
3070	"	"		✓
3071	"	"		✓
3072	B48-3555-1-4-7-1	"		4018

Lupine v. dark green cotyledons

	B48-3555-1-4-7-1, Hull P x Red					
18	8/4 Segr					3073
	Joined White seeded types from a Segr Red White row.					
	8/4 Segr	"			"	3074
	8/4 Segr	"			"	3075
	8/4 Segr	"			"	3076
19	8/4 Segr	"			"	3077
	8/4 Segr	"			"	3078
		"			"	3079
8	8/12					3080

3081	B48-3555-1-4-7-1, 8/3 Surf			Hill Pk Rd	4019
3082	8/5 "			"	4019
3083	B48-3555-1-4-8-1,			"	4023
3084	"			"	✓
3085	"			"	✓
3086	"			"	4026
3087	"			"	✓
3088	"			"	✓

B48-3555-1-4-8-1 Hill Px Red 3089

" " 3090

TP mat, no CO

check for Red CO reaction

3101	B48-3555-1-4-8-1,	Hilp	x Rel	4026
3102	B48-3555-1-4-8-2,	"		4030
3103	"	"		✓
3104	B48-3555-1-4-9-2,	"		4032
3105	"	"		✓
3106	"	"		✓
3107	"	"		✓
3108	"	"		3033

33	B48-3555-1-4-9-2,	Hib P.	x Red	3109
	"	"		3110
	"	"		3111
	"	"		3112
037	B48-3555-1-4-3-1,	"		3113
	"	"		3114
	"	"		3115
26	B52-2426 tall freak	Cent freak		3116

3117	Tall Century, B50-4421 Tall cent.		5112
3118	B51-3601-1, Tall Century Tall cent. Peak.		2232
3119	"		✓
3120			100
3121	B51-3601-1,	"	✓
3122	"	"	✓
3123	B52-5078,	"	5078
3124	B50-4421,	"	4623

all look alike to me Tall Century

23	B50-442, Tall Century		3125
✓	"		3126
✓	"		3127
✓	"		3128
✓	"		3129
28	B45/2A1-40 Hill Sel x BBt tet. like types		3130
✓	"	"	3131
87	Looks like BBt 50 B51-4296-1 BBt 50 Dwarf Nonsmoke sweet sheet plants		3132

3133	B51-4296	2BB1 50 normal		Dwarf	3037
3134	"	-3 normal			✓
3135	"	-4 dwarf			✓
3136	"	-5 dwarf			✓
3137	"	-6 normal			✓
3138	" Dwarf	-7			3037
3139	" Dwarf	-8			✓
3140	"	-9			101

B51-4296-10 BBT 50 Dwarf
short dwarf 3141
all are short dwarfs full sibs

-11
Dwarf 3142

-12
Dwarf 3143

-13
Dwarf 3144

-14 3145

-15
intermediate dwarf 3146
general tallo present

-16
possible intermediate type 3147

Dwarf -17 3148

all 3 rows show some normals which
are possibly both Oregon sativa dwarfs and
Intermed dwarf types

B51-4296-18 DB150 dwarf

3149 normal - shelter plot 304 N
saved

-19

3150 normal & dwarf ✓

-20

3151 all normal ✓
Nr adv

-21

3152 ✓

-22

3153 ✓
Nr Seg normal & dwarf

-23

3154 ✓

Tops, chaff other than DB150 & Green, also purple leaf

B53-3155 dwarf

3155 Semi-dwarf plant B438A
saved all seed H.R.
2 rounds + next row tends dwarf type.

B53-3156 "

3156 purple rice col. A

1A	purple rice					3157
				Harvest all rice are Uniform type		3158
						3159
1B	purple rice					3160
23	B52-2423-1 fresh tetra rice		Century	Tetra	Type	3161
	"	-2				3162
	"	-3				3163
	"	-4				3164

3165	B52-2423-5 Centenary Tetra ty tetra like peak	2423
3166	-6	✓
3167	B45-2379- BBt del Dwarf type peak	3150
3168	" tetraploid type	
3169	"	✓
3170	"	✓
3171	"	✓
3172	"	✓

✓	B45-2379			Bkt del	3173
✓		"			3174
✓		"			3175
✓		"			3176
✓		"			3177
	Tetratype cont. from Boyt H. R.				3178
	tet. type for		Impr.	Bkt	3179
					3180

3181	B52-5104,	Chlorotic	Dup	Bbt	5104
3182	"	Has made a normal growth & appears normal under most conditions, but is chlorotic & pale green & dies out in the fall. Is unsatisfactory from a commercial standpoint. Bbt			✓
3183					✓
3184	B52-2410, stunt type from C.P. 481	Tall	Autumn	Leaf	2410
3185	B52-2439 stunt type only a few plants & they are highly sterile	Autumn	Sterile		2439
3186	B52-2413-1 seg. normal & stunt types	"			2413
3187	-2				✓
3188	-3				✓

all normal

B52-2413-4			Ant	stipule		3189
		-5	Ant. antenna	"		3190

3201	B52-2413-6 Beg. runner + stunt types	Century Stunt		2413
3202	B52-2416-1 stunt types (freak)	Century freak		2416
3203	2	"	✓	
3204	3	"	✓	
3205	4	"	✓	
3206	5	"	✓	
3207	B52-2414-1	Century Stunt		2414
3208	" -2	"	✓	

Mostly stunts on standard runner plant - an occasional runner stem.

14	B52-2414-3,	Century Stude		3209
	-4		"	3210
	Ave stude plant			
	-5		"	3211
	-6		"	3212
16	B52-2416-6		"	3213
	stud type fuse			
	-7		"	3214
	-8		"	3215
	-9		"	3216

3217	B52-2416-10, freak		Centromeric		2416
3218		-11			✓
3219	B52-2430-1 normal This line had tall shunt in 1952			11	2430
3220		-			4
3221	B52-2430-2 normal			11	2430
3222		-3		11	✓
3223		-4		11	✓
3224		-5		~	✓

All normal and segregated and 1 tall (tall shunt)

✓	B52-2430-6, Century freak			3225
+30	freak	-7	"	3226
✓		-8	"	3227
✓		-9	"	3228
✓		-10	"	3229
✓		-11	"	3230
✓		-12	"	3231
346	Century freak	234 Sel.		3232

all are freaks (tall stalks)

3233	Century 234 Sel	2346
3234	"	✓
3235	Lithic Century	3983
3236	"	✓
3237	"	✓
3238	"	✓
3239	"	✓
3240		31

985	Lathi Century				3241
✓		"			3242
✓		"			3243
036	B4544 A 1-26, R-7689 x RN 8 staple type				3244
✓		"		"	3245
✓		"		"	3246
✓		"		"	3247
✓		"		"	3248

3249	B4544A1-26,	R-7689 x	RN 4736	
3250	BBt 50 H.R. normal from stent row			
3251	Stentle & normal saved stentles			✓
3252				✓
3253				✓
3254				✓
3255				✓
3256	BBt 50 H.R. normal from stent row			

						3257
						3258
						3259
						3260
						3261
						3262
						3263
						3264

Bkt 50 lb. rounds from steel room

3265	Bluebonnet 50, Normals from stencils work.			✓
3266	"			✓
3267	"			✓
3268	"	Cal. normal Blot 50 and normal - stencils Typical Blot 50		✓
3269	"			✓
3270	"			✓
3271	"			✓
3272	Probably Blot 50			

Axe normal + normal - steriles

like 3276 — 3273 Hv

like 3276 — 3274 Hv

like 3276 — 3275

axe shorter than B&T 50 no bends — 3276 Hv

Adv

like 3276 — 3277

B&T 50. H.R. steriles — 3278

Entire row is sterile

possible trisomic fem. T.P. — 3279

marsh date seeding

hot plants may be trisomics, or V. short

white immature

3280

3281 Imp. BBt from western Johnson Normal plant found in south north field.

3282 " looks like normal Imp BBt green leaves ✓

3283 " looks like BBt, leaves dié ✓

3284 " green leaves, not typical Imp. BBt. ✓

3285 " V. late, green leaves not Imp BBt. ✓

3286 BBt 50 ancestor from Roy Jacobsen

3287 " not Imp BBt, not BBt 50, not Nel ✓

3288 Emb BBt 50 plant from check test plot
Prob normal BBt 50

812	B 4545	A 2-17,		TP x	Hill	Med	3289
	V. tall						
		"		"			3290

3301	B4545A 2-17, TP x Hill Med. V. Tall				3812
3302	"			"	✓
3303	"			"	3816
3304	"			"	✓
3305	"			"	✓
3306	"			"	✓
3307	"			"	✓
3308	Evenly large seed				5011

911		Crowley	Large Leek		3309
✓		"	"		3310
924	B47-4980-3,	Karang-Sc Road			3311
✓		"	"		3312
✓		"	"		3313
✓		"	"		3314
✓		"	"		3315
✓		"	"		3316

Tallest vegetable + longest stem among all planted 6/17

3317	B47-4980-3,	Karang-Serang	3733
3318	"	"	
3319	"	"	
3320			92
3321	B47-4980-3,	Karang-Serang	3733
3322	"	"	
3323	"	"	
3324	B47-4980-3,	Karang-Serang	3735

V short stumpy straw bud
V. late (later than Ryf)

335	B47-4980-3,	Kerong-Serong			3325
✓		"		"	3326
✓		"		"	3327
✓		"		"	3328
✓		"		"	3329
341	B47-4980-3,	Kerong-Serong			3330
✓		"		"	3331
✓		"		"	3332

3333	B47-4980-3,	KORONG-SORONG	3341
3334	"	"	✓
3335	"	"	✓
3336	B47-4976-1	KORONG-SORONG	3347
3337	"	"	✓
3338	"	"	✓
3339	"	"	✓
3340			98

are exceptionally clear for Hyp. Water

3750	B47-4962-14	Karang-Serang		3341
	Good type but heavily loaded			
↙	"	"		3342
↙	"	"		3343
3752	B47-4954-1	Karang-Serang		3344
↙	"	"		3345
↙	"	"		3346
↙	"	"		3347
3756	B47-4950-9	Karang-serang		3348

3349	B47 - 4950 - 9	Karang-Serang	3356
3350	"	"	✓
3351	B47-4950-9	Karang-semang	3355
3352	"	"	✓
3353	"	"	✓
3354	"	"	✓
3355	"	"	✓
3356	Kabupaten Karang Serang		

	Unknown Korong - seron		3357
	"		3358
237	PI - 180, 161, 90 day Gold 8/1 - 8/10		3359
238	PI, - 18#, 121, 90 day Straw 8/5 - 8/13		3360
910	C, I, 8906	salt water	3361
	V late		
911	" "		3362
	"		
914	" "		3363
	earlier than 3361		
914	" CI - 8906	Salt Water	3364

3365	C.F.	8906	(Salt Water)	4916
3366	"	8906	"	4940
3367	"	"	"	4944
3368	"	8906	"	4944
3369	"	8906	"	4961
3370	"		"	4961
3371	Zayas Bayan			5226
3372	"			✓

✓		Zayas Boyan		3373
✓		"		3374
✓		"		3375
✓		"		3376
228		Zayas Boyan		3377
✓		"		3378
✓		"		3379
I.	8427 8/10			3380

3381	C. I. 8427 8/10				
3382	8/10 "				✓
3383	8/10 "				✓
3384	8/10 "				✓
3385	8/10 " —				✓
3386	PI-184,811 Introduction		T-1		5231
3387	"				
3388	"				

PI-184,811	T-1				3389
	"				3390

3401 PI-184, 811 Introduction 5231

3402 PI-184, 675 5232

3403 " from Dow

3404 " see 184, 676

3405 " only fair for carbon

3406 " according to corrected

3407 "

3408 PI-184, 177 5233

X = sent to Adair

PI-180,177

233 Pour for comments according to Chemist

3409

"

3410

"

3411

"

3412

"

3413

PI-180-178

234 a med-green Var.

3414

"

3415

"

3416

3417	PI-180,178	5234
3418	"	✓
3419	"	✓
3420	PI-180,059, Middle Rice most slender of any rice shown	5235
3421	" rather poor for parboiling according to Comstock	✓
3422	"	✓
3423	"	✓
3424	"	✓

✓ = sent to Adair

✓		PI- 180,059					3425
5236		PI- 180,060					3426
✓		"					3427
✓		"					3428
Poor for Barbed's according to conditions							Hr
✓		"					3429
✓		"					3430
✓		"					3431
5237	7/31	PI- 180,061	8/9			90 day gold	3432

3433	PI-180, p 61 St. later than other news.				90 day gold	5237
3434	"					✓
3435	"					✓
3436	"					✓
3437	"					✓
3438	PI-184, 121 8/5 - 9/12					5238
3439	"					✓
3440	"					✓

PI-184,121

✓ 3441

" ✓ 3442

" ✓ 3443

PI-184,676a Iran

5239 9/11 Romaih has long blade leaves 2x longer + thinner than Sudanese. Sample may be a mixture of both. ✓ 3444 ✓ 3445

Romaih needs more cooking for cooking than other varieties. Europeans do not like this type rice. ✓ 3446

" ✓ 3447

" ✓ 3448

3449	PI-184,676 Iran	5240
3450	"	✓
3451	"	✓
	Very good for Parboiling according to Converted	
3452	"	✓
3453	"	✓
3454	Pot 96	5241
3455	"	✓
3456	"	✓

✓	Pot	96				3457
✓	"					3458
✓	"					3459
242	Pot	98				3460
✓	"					3461
✓	"					3462
✓	"					3463
✓	"					3464

3465	Pot 98				5242
3466	Pot 100, brownish gold-bullet as highly S to H.O,				5244
3467	"				✓
3468	"				✓
3469	"				✓
3470	"				✓
3471	"				✓
3472	Pot 99 may be 5243 ?,				5243

✓	Pot 99	3473
✓	"	3474
✓	"	3475
✓	"	3476
✓	"	3477
245	Pot 100, Reduced Coat	3478
✓	"	3479
✓	"	3480

3481	Pot 100,	Red sided coat		✓
3482	"			✓
3483	"			✓
3484	C.I.- 7338,	Scantic		4205
3485	"			✓
3486	"			✓
3487	C.I. 8975, Sel			3858
3488	"	V. late smut, tall, poor stool, poor seed type		✓

✓	C.F. 8175	Sel		3489
✓	"			3490

X = Sent to Adair

3501	C.I. 8150	3958
3502	"	✓
3503	"	✓
3504	"	✓
3505	"	✓
3506	"	✓
3507	SPI-183,331	✓ 9 Sacks Seed
3508	"	✓

	SPI-	183, 331	3509
		"	3510
		"	3511
		"	3512
	C.I. 6011		3513
	"		3514
	"		3515
	"		3516

Converted O.R.D. for guilty from India

3517	C.I. 6011		3962
3518	C.I. 6018		3966
3519	"		✓
3520	"		✓
3521	"		✓
3522	"		✓
3523	"		✓
3524	C.I. 6037		3968

968	C.I.	6037	3525
✓		"	3526
✓		"	3527
✓		"	3528
971	C.I.	8337	3529
✓		"	3530
✓		"	3531
✓		"	3532

3533	C.I. 8337			3971
3534	"			✓
3535	CI-8983		(T958	4041
3536	"			✓
3537	"			✓
3538	"			✓
3539	"			✓
3540	CI-8915		(T902)	4043

CI-8915 (T-902)

043 Lake 3568 ~~Lake Ludwica~~ HAITI 3541

Lake Ludwica

Cross with Am. Var

" " 3542

" " 3543

" " 3544

045 SPI-160,468, Rogue (T 1034) 3545

" " 3546

" " 3547

(T-1462)

048 3548

3549	SPI-160,904	(T-1462)		4048
3550	"	"		✓
3551	SPI-160,904	(T-1462)		4057
3552	"		"	✓
3553	"		"	✓
3554	"		"	✓
3555	"		"	✓
3556	SPI. 160,993	(T-1539)		4054

4054	SPI-160, 993		(T-1539)		3557
✓		"		"	3558
✓		"		"	3559
✓		"		"	3560
056	SPI-160, 994		(T-1540)		3561
✓		"		"	3562
✓		"		"	3563
✓		"		"	3564

3565	SPI 161,004		(T1550)	4058
3566	"		"	✓
3567	"		"	✓
3568	"		"	✓
	Luke 3541			
3569	"		"	✓
3570	"		"	✓
3571	"		"	4059
3572	"		"	✓

059	SPI-161,004	(T1550)	3573
✓	"	"	3574
4062	SPI-161,024	(T1570)	3575
✓	"	"	3576
✓	"	"	3577
✓	"	"	3578
✓	"	"	3579
63		T?	3580

3581			T ?		4063
3582			"		✓
3583			"		✓
	new introductions (Beltsville).				
3584	Canilla				
3585	✓	Too late for leaf blight on 11/8. Killed on 11/11 frost			
3586	✓				
3587	? Fortuna (Panama				pot 56
	OK for Fortuna				
3588	"	"			pot 5
	OK for Fortuna				

Pot 54	Panama looks like mid Tall, bent grain poor kernels	3589 Hu
Pot 52	Fortuna (cuba) OK	3590 Hu

Correspond resistance
2301 et al
2401 et al

Cross 2914 with Anthony and
reduced leg area.

Harvest after 11/10
Camellia to green house 3584

Haploid 2887

2242 ✓

2386 ✓
2350 ✓
2337 ✓
2324 ✓
2320 ✓
2313 ✓
2442 ✓
2459 Green

2502 ✓
2525 ✓
2539 ✓
2557 ✓
2565 ✓
2569 ✓
2576 ✓

2615 ✓
2616 ✓
2623 ✓

2702 ✓
2704 ✓
2723 ✓
2726 ✓
2752 ✓
2771 ✓
2781 ✓
2784 ✓
2830 ✓
2833 ✓
2887 ✓

2950 ✓
2955 ✓

cut 10/23

cut 10/20

Red Rice = 3017 ✓

3008
3036
3049
3090
3161 to 66.
Pr. 3156-3160
3150
3153
3134
3276
3273
3274

Save plant from 3274

1953

Breeding Nursery

Book -2

3601 - 5090

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

Use C-6 drawing pen
to make cut holes

C.I. nos. for Tullis.
nos 3638 to 3812

V. Clear for HO

4338
3924 Sup.
3916 Sup.
3905
3818
3825
3829
3834 Sup
3877

Todd
4168

4284

3713 has white pandora lenses glazed
on 8/12. check with Todd

HO Crossing

505A1 Cent x Ho. 12 (3817-3920)
506A1 Cent x HO-10 (3921-30)

508A1 BBt x HO 10 (4135-4244)
507A1 BBt x HO 12 (4245-4387)

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment..... .....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4–6–'08.
2. Disked (lapped half).....4–10–'08.
3. Harrowed.....4–10–'08.
4. Harrowed.....4–27–'08.
5. Seeded.....4–27–'08.
6. Harrowed.....4–27–'08.

SEEDING

Manner..... .....Drilled.

Date..... .....4–27–'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084–1

X = sent to Adair and Tullo
X not to Tullis, so designated.

3601	from Panama (Sellers)		Pot 57
	V. late failed to head		
3602 X	Purple Seed, gray head		165,477
3603 X	med gr. rudesecon		168,521
3604 X	V weak straw, early		180,060
3605 X	fairly early weak straw		180,076
3606 X	V late	10/25 considerable seed weak straw tall	181,975
3607 X		10/25	181,976
3608 X		10/25	181,977

PI	No						
190,	119	no heading failed to head					3609 no
190,	458, 10/15	10/30					3610 + also only
190,	617		med early				3611 X
190,	624		med early				3612 X
193,	153			fuel hd 10/25			3613 X
93,	154			fuel head 10/25 headed,			3614 X
93,	155			fuel head 10/25			3615 X
193,	175						3616 X
		tall					

3617 — V. tall, coarse stem — 193,176
X

3618 — V tall, coarse stem, — 193,177
X

3619 — like 3536 — 197,610
X

3620 — like 3536 — 197,611
X

3621 — like 3536 — 197,612
X

3622 — 10/15 — 197,613
no — V late
some seed about mature 11/12 (many germ)
Berlin

3623 — Costa Rica
X — V. tall
Palmira #8

3624 — Costa Rica
X — looks like Honduras, early tall

198,134 3625 ×
rather late, red hulls, good

98,136 3626 ×
V. early

98,143 3627 ×
late, rather tall, good yield

98,146 3628 ×
midseason to late, med gr. good

98,232 3629 ×
early, awned, ink stem, med.

98,624 3630 ×
tall, smooth, med-gr.

98,625 (short grain) 3631 ×
med lat, sh. grain

98,625 (long grain) 3632 ×
V. lodged, med lat, good

3633 198,915
X long grain, Tsuna Type or later

3634 198,916
X like 3633 but later

3635 198,917
X slightly shorter than 3633
paler grain, Tsuna markedly

3636 198,918
X med-early long grain

3637 198,919
X med early long grain

C.I. numbers

3638 51.

3639 1215B.

3640 1240

I, 2		
1250		3641
1428		3642
1496-2 Prob 1476-2		3643
I 577		3644
1760		3645
2061	1 plant ?	3646 × a dan only
2181	1 plant ?	3647 × a dan only
942	1 plant	3648 × a dan only

	CI
3649	2990
3650	3061
3651	3364
3652	3450
3653	3791
3654	3798
3655	3937
3656	4211

CE	
4219	3657
4508	3658
5339	3659
5343	3660
3354	3661
3358	3662
5368	3663
5374	3664

	C.I. no.
3665	5866
3666	5876
3667	5892
3668	5986
3669	5987
3670	6004
3671	6008
3672	6031

C.T. no.	
6044	3673
369	3674
447	3675
518	3676
536	3677
552	3678
562	3679
640	3680

		C.I. no
3681		6674
3682		6711
3683		6741
3684		6793
3685 X	1 plant	6833
3686		6947
3687		7019
3688 + adv. buds	1 plant	7051

I
mo
1063

3689

7069

plant

3690
X

3638 - 3712 INCL., NO PLANTS

	C.I. no
3701	7075
3702	7101
3703	7117
3704	7235
3705	7250
3706 X	7253
3707	7338
3708	7413

SCALE OF SEVERITY = 1-5
(INCLUDES PREVALENCE)

July 23 1953 FML

VERY LITTLE INFECTION ON ANY PLOT

P.I. No.			
415	—	2 plants, different type	3709 X X
447	—		3710
3129	—		3711
328	—		3712
336	2 8/1	8/10	3713 X
340	—		3714 X ✓
344	1+		3715 X ✓
347	1+	moderately heavy yield	3716 X

					CI no.
3717	2+				8352
3718	2+				8355
3719	2-				8363
3720	3 8/10				8364
3721	1				8368
3722	2+				8370
3723	3				8372
3724	—				8377

I no						
384	1+					3725 X
385	—					3726 ✓ X
389	2					3727 ✓ X
390	2					3728 ✓X
402	2+					3729 X
405	2+					3730 ✓X
411	2					3731 X ✓
418	3					3732 X

					CF no
3733 ✓	2+				8424
3734 ✓	1+				8425
3735 ✓	2				8446
3736 ✓	2				8453
3737 ✓	1+				8462
3738 ✓	1				8467
3739 ✓	2 8/9 —				8475
3740 ✓	8/10 — 2+				8477

Ino		
485	1+	3741 ✓ X
487	2	3742 ✓ X
493	2	3743 ✓ X
496	2	3744 X
503	2-	3745 X ✓
513	2	3746 X
514	2	3747 X
516	—	3748

					CI nov.
3748	1+	1+			8518
3750		1			8533
3751		2			8534
3752		1+			8546
3753		2			8539
3754		4			8552
3755		2+			8553
3756		3			8564

CI mis							
3578	1+						3757 X
3584	2						3758 X
3592	1+						3759 X
3599	1+						3760 X
3610	2-						3761 X
3615	2						3762 X
3622	—						3763 X admixed
3623	—						3764 X

					P.I. ... C.I. ...
3765		—			8627
4					
3766		—			8629
X					
3767		—			8632
X Adam Ruby					
3768		3-			8897
X					
3769		2- SLIGHT PHYS. BLOTCH			8898
X					
3770		2+			8906
	Very late type 11/12				
3771	8/5 - 8/12	3-		PI 160,615	
4					
3772		1+		PI 160,636	
4					

~~2I2~~			
60, 643	2+ PURPLE		3773 X
60, 666 9/10	1		3774 X
2,861	4-		3775 X
2,691	2-		3776 X
2,686	1+		3777 X
2,702	2		3778 X
2,705	2+		3779 X
2,734	2-		3780 X

					P.F. No.
3781		1+			160,740
3782		—			160,747
3783		1			160,757
3784		1+			160,779
3785		2—			160,804
3786		1+			160,810
3787		3			160,842
3788		3—			160,910

DE Loc					
60,929	2+				3789 X
60,960	—				3790 X

					P.I.
3801		—			160,963
3802		—			160,982
3803		—			160,983
3804 X		2—			160,989
3805		2			161,044
3806		1			161,047
3807		2			161,054
3808		2—			161,059

PI 3m						
161,060	2					3809
165,645	2					3810
80,061	2+					3811 X
23,331	3					3812 X
enii - Dwarf from B4387 Head Row 95 meas -3155)						3813
✓	"					3814
✓	"					3815
✓	"					3816

HO

F3 B505A1-1, Const x HO 12 (4850) 6327

3817 gold smooth x gold rough

3818 1-2 clean (still very clean on 9/21)

HV some smut.

3819 -3

3820 -4

3821 -5

3822 -6

3823 -7

3824 -8

HV

HO

F2 B505A1-2 Cent x HO12 (6850)

clean

3825

HO

-10

3826

-11

3827

HO

-12

3828

-13

Still clean on 9/21

clean some C.O.

3829

HO

-14

3830

-15

3831

HO

-16

3832

HO

3833 F3 B 605 A1-17, Cont x HO 12

3834 -18 Seg same clean Some coon 9/21 Some resistant Va

3835 -19

3836 -20

3837 -21

3838 -22

3839 -23

3840 -24

F2 B505 A1-25, Cent x H012

3841

-26

3842

-27

3843

-28

3844

-29

3845

-30

3846

-31

3847

-32

3848

81

F3 B 505 A 1-33, Cent x H 012

3849

-34 "

3850

Hv

-35

3851

-36

3852

-37

3853

-38

3854 V. green straw x V good grain shape
Hv a prolific row
Water

-39

3855

-40

3856

F_3 B505A1-41, Cent x HD 12		3857
-42		3858
-43		3859
-44		3860 Hv
-45 appears to have excellent grain quality. —		3861 Hv
-46		3862
-47		3863
-48		3864

F3 B505 A1-49, Cent x H0-12

3865		
3866	-50	"
3867	-51	"
3868	-52	
3869	-53	
3870	-54	
3871	-55	
3872	-56	

Has very green stem + good grain texture + shape

1W

HO

F3 B505A1-57, Cnt x HO 1/2

3873

-58

3874

-59

3875

Hr

-60

3876

-61

3877

-62

3878

Hr

-63

sep Still very clean
Sonk clean on 9/21, Dr. Smith

3879

Hr

-64

3880

F3 B505A1-65, Cent xH012

3881

-66

3882

-67

3883

-68

3884

-69

3885

-70

3886

-71

3887

-72

3888

F3 B505A1-73, Cent x HD12 3889

-74 3890

~~3891~~

~~3892~~

~~3893~~

~~3894~~

~~3895~~

~~3896~~

		H0
F3	B505A1-75, Cent x	H0-12
3901		
3902	-76	
3903	-77	
3904	-78	
3905	-79 clem	
3906	-80	
3907	-81	
3908	-82	

			HO			
F2	B505	A1-83,	Cent x	HO12		3909
			-84			3910
			-85			3911
			-86			3912
			-87			3913
			-88			3914
			-89			3915
			-90 high Hemoglobin plants			3916

HO

F_3 B505A1-91, Centex HO-12

3917

-92

3918

-93

3919

B505A1-94,

3920

F_3 B506A1-1 Cent x HO 10

3921 gold Smooth x Straw Smooth 51-6328-

-2

3922

-3

3923

-4

Dump

3924

3
50 6A1 - 5, Cut x #0-10
1-6328-1

3925

-6

3926

-7

3927

-8

3928

-9

3929

06A1 - 10, "

3930

506A2 - 1
Century
ll gold smooth plants, thought to be Cut.
51-6328-2+3.

3931

- 2

3932

F3 B506A2-3, Cultures

B51-632

3933

-4

3934

-5

3935

-6

3936

-7

3937

-8

3938

-9

3939

-10

3940

F2 B506A2-11, Cuttings

3941

-12

3942

-13

3943

-14

3944

-15

3945

-16

3946

-17

3947

-18

3948

F3 B506A2-19 Century

B51-63.25-

3949

-20

3950

-21

3951

-22

3952

-23

3953

-24

3954

-25

3955

-26

3956

F3 B50 A2-27 Century 3957
nd3

-28 3958

-29

-30 3959

-31 3960

-32 3961

-33 3962

-34 3963

F3 B506A2-35, Centurion BS1-6328-2+3
3964

-36
3965

-37
3966

-38
3967

F3 B503A1-1, BBt x 2
3968 51-6329-1

-2
3969

-3
3970

-4
3971

F3 B503 A1-5, BBt x Z

3972

-6

3973

-7

3974

-8

3975

-9

3976

-10

3977

Hrs study straw, tanby Chat straw

-11

3978

-12

3979

F3 B503A1, -13) BBt x 2

3980

-14

3981

-15

3982

-16

3983

-17

3984

-18

3985

-19

3986

-20

3987

B51-

F3 B503A1-21, BBt × 2
329-1

3988

-22 3989

-23 3990

-24 3991

-25 3992

-26 3993

-27 3994

-28 3995

F2 B503A1-29, BBt × Z

B51-

4001

-30

-31

4002

-32

4003

-33

4004

-34

4005

-35

4006

-36

4007

F3 B 503 A 1-37, BBT x Z.
329-1

4008

-38

4009

-39

4010

-40

4011

-41

4012

-42

4013

-43

4014

-44

4015

F2 4016	B503A1-45,	BBt x Z			B51-6329-1
F3 4017	B501A1-1	BBt x	B433A2-6		B51-6330-1
4018	-2				
4019	-3				
4020	-4				
4021	-5				
4022	-6				
4023	-7				

F3 B501 A1-8, BBt x B433A2-6
St-6330-1

4024

-9

4025

-10 Rather short stocky strain, good

4026

-11

4027

-12

4028

-13

4029

-14

4030

-15

4031

F3 B501A1-16 BBt x B433A2-6

4032 B51-

-17

4033

-18

4034

-19

4035

-20

4036

-21

4037

-22

4038

-23

4039

F_3 B50/A1-24, B8t x B433A2-6
330-1

4040

-25

4041

-26

4042

-27

4043

-28

4044

-29

4045

-30

4046

-31

4047

F3 B501A1 -32 BBt x B483A2-6
B51-
048
-33
4049
-34
4050
-35
4051
4052
-36
-37
4053
4054
-38
-39
4055

F3 B501A1-40; BBtx-B433A2-6
330-1

	4056
-41	4057
-42	4058
-43	4059
-44	4060
-45	4061
-46	4062
-47	4063

B501A1-48BBt × B433A2-4

B51-

4064

-49

4065

-50

4066

-51

4067

-52

4068

-53

4069

-54

4070

-55

4071

F3 B501A1-56, BBt x B435A2-6
330-1

	4072
-57	4073
-58	4074
-59	4075
-60	4076
-61	4077
-62	4078
-63	4079

F3 B501A1-64, BBt x B433A2-6

4080

-65

4081

-66

4082

-67

4083

-68

4084

-69

4085

-70

4086

-71

4087

3	8501	A1-72,	BB4	x	B433	A2-6 4088
		-73				4089
		-74				4090
		-75				
		-76				
		-77				
		-78				
		-79				

H0 ~~H0~~

F3 B501A1-80, 4 BBt × B433A2-6

4101

-81 4-5

4102

-82

4103

-83

4104 X Clean for Ho Sh Co.

-84

4105

-85

4106

-86

4107

-87

4108

F3 B5d1A1-88, BBt x B433A2-6

4109

-89

4110

-90

4111

-91

4112

-92

4113

-93

4114

-94

4115

-95

4116

F3 B501A1-96, BB* x B483A2-6

4117

-97

4118

-98

4119

-99

4120

-100

4121

4122 -101 B51-6330-1

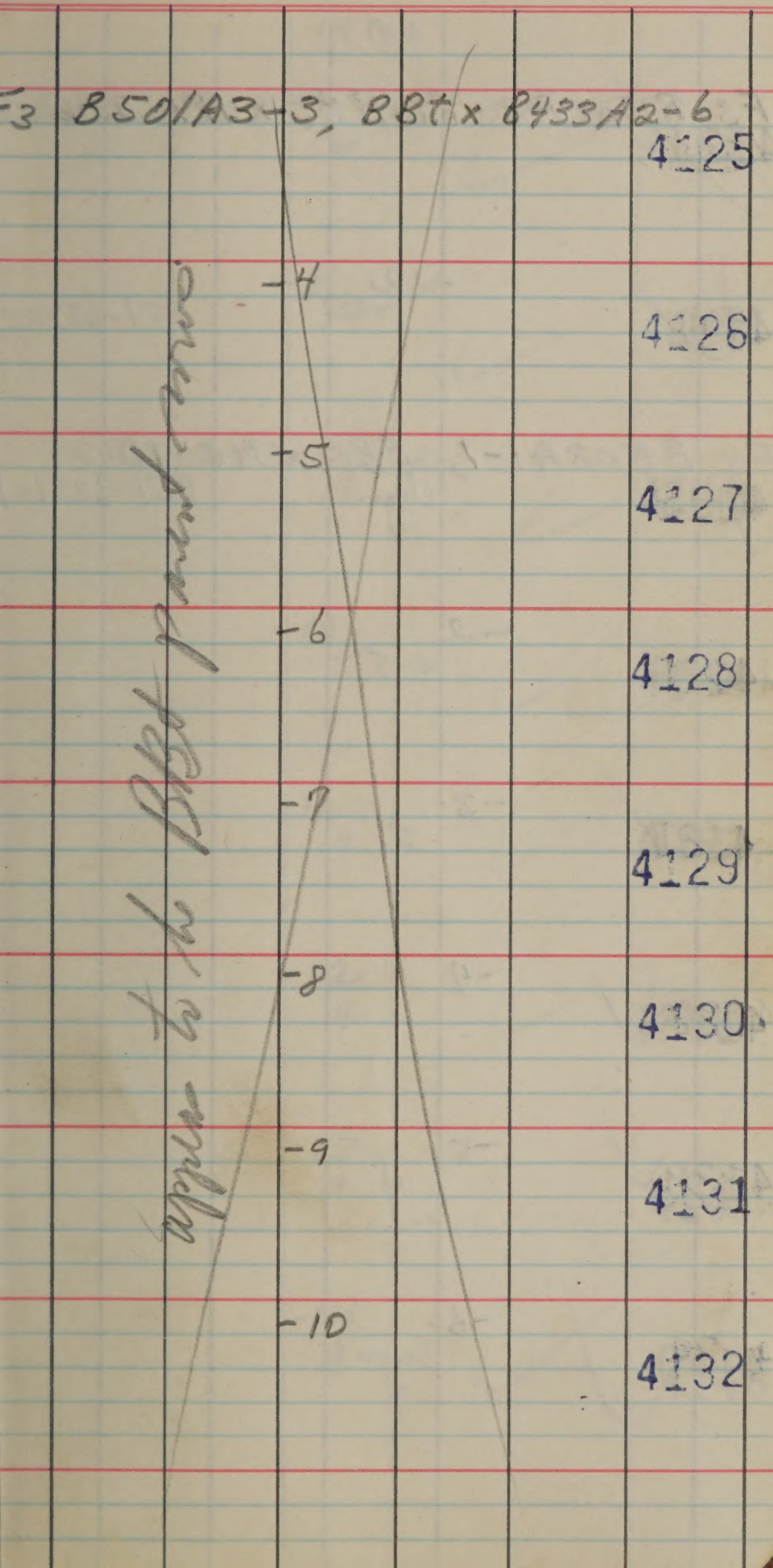
B501A3-1

4123 Prob B1B Parent B51-6330-3

-2

4124

F3 B501A3-3, B8t x 8433A2-6



HO

F3 B501A3-11, BBt x B433A2-6
4133

-12

4134 B51-6330-3

F3 B508A1-1, BBt x HO-10
4135 clear 4 B51-6331-1

-2
4136 4-5

-3
4137 5

-4
4138

-5
4139 4

-6
4140 Segr 4

HO

F_3 B 508 A1-7, BBt x HO-10

4141

-8 7

4142

-9 4

4143

-10 5

4144

-11 4

4145

-12 4

4146

-13 4

4147

-14 4

4148

HO×

F2 B508A1-15, BBt × HO-10

4149

clean
3

-16
4

4150

4151

-17
3-4

-18

4152

-19
2-3

4153

-20
3

4154

-21
scg
clean plants
V

4155

weak straw + tendency like BB² parent

-22
4

4156

F3 B508 A1-23, BBT x HD-10

3 — 4157

-24
3 — 4158

-25
2
Slightly R to HD when hr on 7/7 — 4159
Class with BBT 50 in 1954
Sowed 2 Grams of Herbs

-26
2-3 — 4160

-27
5 — 4161

-28
5 — 4162

-29
2
not Too resistant when repi — 4163

-30
3-4 — 4164

(Total)

F3 B508A 1-31, BBt x HO-10

4165 4

-32

4166 5

-33

4167 2

-34

4168 1-2

Very R to DO when ripe
Cross with BBt 50

-35

4169 3

~~dwarf or gross types present~~

-36

4170 (1- on 1st plant)
Segs 1-2

dwarf or gross types present (Segs)
V. short + internode types present all inbetween

-37

4171 1-2

-38

4172 1-2

HO

F3 B508A 1-39, BBt x HO-10 4173
clean for Ho 1-2 when ripe

-40
2-3 4174

-41 4175

-42
1-2 4176

-43 4177

-44
keep
clean plants
1-2 4178

-45 4179

-46 4180

HO

F3 B508A1-47, BBtx HO-10

4181

-48

4182

-49

4183

-50

4184

-51

4185

-52

4186

-53

4187

-54

4188

F3 B508A1-55, BBt x HO-10

4189

-56

351-6331-1

4190

F3 B508A2-57, BBt x HO-10
B51-6331-

4201

-58

4202

-59

4203

-60

4204

-61

4205

-62

4206

-63

4207

-64

4208

HO

F3 B508A2-65, BBt x HO-10 4209

-66 4210

-67 4211

-68 4212

-69 4213

-70 4214
Sep
clean plate

-71 4215

-72 4216

F3 B508A2-73, BBt x H0-10

4217

-74

4218

-75

4219

-76

4220

v. clean for Ho

Hv Was v. clean for Ho when wipe

-77

4221

-78

4222

-79

4223

-80

4224

F3 B508A2-81, BBt x HO-10

4225

-82

4226

-83

4227

-84

4228

-85

4229

-86

4230

-87

4231

-88

4232

F3 B508A2-89, BBt x H0-10

4233

-90

4234

-91

4235

-92

4236

-93

4237

-94

4238

-95

4239

-96

4240

Exaption all clear for H0 watch

F3 B508A2-97, BBt x HO-10 4241

-98 4242

-99 4243

-100

851-6331-2 4244

F3 B507A1-1, BBt x HO-12
851-6332-1 4245

-2 4246

-3 4247

-4 4248

Ho 12 Cross possibly cleaner
than Ho 10 crosses

F2 B507A1-5; BBt x Ho-12

249

-6

250

-7

4251

-8

4252

-9

4253

-10

4254

-11

4255

-12.

4256

F3	B507A1	-13	BBF×HO	-12		4257
		-14				4258
		-15				4259
		-16				4260
		-17				4261
		-18				4262
		-19				4263
		-20				4264

F3 B507A1-21, BBt x HO-12

4265

-22

4266

-23

4267

-24

4268

Sep clean plants

clean for HO when ripe, plant when not ripe enough, good row.

-25

4269

-26

4270

clean.

clean for HO when ripe

-27

4271

-28

4272

HO

F3 B507A 1-29, BBt × HO-12

early clem for Ho, V. Productive
uniform rust, Some CO when ripe

4273

-30
~~clem 3~~
2

4274

-31
~~clem 3~~
2

4275

-32
~~4~~

4276

-33

4277

-34

4278

-35
0-1

4279

too tall, rough husks, S to CO.
when ripe.

-36

4280

H2

F3 B507 A1 -37, BBt x H012

4281

-38

4282

-39
1

4283
Highly S to CO

-40
V. clean
9-1

4284
S to CO difficult to tell about H2
when wet

-41

4285

-42
2

4286

-43
clean
1

4287
Consid CO when wet rough holes

-44

4288

F3 B507A1-45, BBT x HO-12
4289

-46

354-6332-1
4290

F3 4301	B507A1-	47,	BBY x	HD-12 B51-6332-1	
4302		-48			
4303		-49			
4304		-50			
4305		-51			
4306		-52			
4307		-53			
4308		-54			
		-55			

F3	B 507A	1-56	, BBt x H	0-12	4309
		-57			4310
		-58			4311
		-59			4312
		-60			4313
		-61			4314
		-62			4315
		-63			4316

R to H, early type Sand, good pow. Shatter storm resistance

F3 B507A1-64, BB+X HO-12

4317 clean for HO.

-65

4318

-66

4319

-67

4320

-68

4321

-69

4322

-70

4323

-71

4324

F3 B507A1-72, BBt×HO-12 4325

-73 4326

-74 4327

-75 4328

-76 4329

-77 4330

-78 4331

-79 4332

F3 B507A1-80, BBY x H0-12

4333

-81

4334

-82

4335

-83

4336

-84

4337

-85
v. clean

4338

-86

4339

-87

4340

F3	B507A	1-88,	BB† x H0-12		
					4341
		-89			4342
		-90			4343
		-91			4344
		-92			4345
		-93			4346
		-94			4347
		-95			4348

F3 B507A1-96, BBt x H0-12

4349

-97

4350

-98

4351

-99

4352

-100

4353

-101

4354

-102

4355

-103

4356

F3 B507A 1-104, BB x H 0-12

4357

-105

4358

-106

4359

-107

4360

-108

4361

-109

4362

-110

4363

-111

4364

F3 B507A1-112, BBt x H0=12

4365

-113

4366

-114

4367

-115

4368

-116

4369

-117

4370

-118

4371

-119

4372

F3 B507A1 -120, BBt xHO 13/4373

-121 4374

-122 4375

-123 4376

-124 4377

-125 4378

-126 4379

-127 4380

		HO			
F3 4381	B507A1-128,		BBt x HO-12		
4382		-129		B51-6332-1	
F3 4383	B504A1-1,	2 x B433		A2-6 B51-6333-1	
4384		-2			
4385		-3			
4386		-4			
4387		-5			
4388		-6			

F3 B50 4A1-7, Z x B433 A276
4389

-8

BS1-6333-1
4390

Vgood long grain type with BK straw and BB grain + maturity, open stand

F3 B504A1-9, Z x B488 A2-6

4401 8/13 B51-6333-

-10

4402 8/12

-11

4403 8/21

-12

4404

-13

4405 8/18

-14

4406 8/20

-15

4407 8/20

-16

4408 8/19

F3	B504	A1-17	2 x B433	A276		
	8/20				4409	
		-18				
	8/16				4410	
		-19				
	8/20				4411	
		-20				
	8/21				4412	
		-21				
	8/16				4413	
		-22			4414	
		-23			4415	
		-24				
	8/18				4416	

F3 B504 A1-25, Z x B433 A26

4417 8/16

-26

4418 8/22

-27

4419 8/17

-28

4420

-29

4421 8/17

-30

4422

-31

4423

-32

4424

F3	B 504A1	-33,	Z x 8433	A2-6		
	8/19					4425
		-34				4426
	8/21	-35				4427
	8/20	-36				4428
		-37				4429
	8/18	-38				4430
	8/16	-39				4431
	8/16	-40				4432

F3 B504A1-41, 2 x B433A2-6

4433

-42

4434 8/18

-43

4435 8/19

-44

4436 8/20

-45

4437 8/16

-46

4438

-47

4439

-48

4440

F3	B 504 A1	-49,	Z x 8433	A2/6		4441
	8/17	-50				4442
	8/16	-51				4443
		-52				4444
		-53				4445
		-54				4446
		-55				4447
		-56				4448

F3 B504A1-57; Z x B433A2-6

449 8/22

-58

450

-59

4451

-60

4452

-61

453 8/21

So this was Century
Ha
Is very uniform mat & glaze
Type & called 1st Century!

-62

4454.

-63

4455 8/21

-64

4456 8/17

F3	B504A1-65,			Z x B433		A276
	8/17					4457
	8/17	-66				4458
	8/21	-67				4459
		-68				4460
	8/20	-69				4461
	8/18	-70				4462
		-71				4463
		-72				4464

F3 B504A1-73, Z × B433A2-6

4465 8/14 - 8/23

-74

4466

-75

4467 8/21

-76

4468 8/18

-77

4469 8/21

-78

4470

-79

4471 8/21

-80

4472 8/21

F3	B5 8/22	4A	1-81,	Zx B433	A2-6 4473
	8/22		-82		4474
	8/18		-83		4475
			-84		4476
			-85		4477
			-86		4478
			-87		4479
			-88		4480
	8/22				

F3 B504 A1-89, Z x B433 12-b

4481 8/20

-90

4482

-91

4483 8/18

-92

4484 8/18

-93

4485 8/20

-94

4486

V. uniform med gr. smooth.
V. steady stream

-95

4487 8/19

-96

4488

3	B50 8/19	4A1-97,		Z x 8433A	2-6	4489
			-98			
3.5	1-6333-1 8/20					4490

F3 B504A1-99, Z x B433A2-6
B51-6333-1

4501

-100

4502 8/22

B504A1 -101

4503

-102

4504 8/21

-103

4505 8/22

-104

4506 8/19

-105

4507 8/13

B504A1 -106

4508

Rather tall & later than average
V. large sturdy stem, dots of green
fuzz for grazing without petiole

F3 B504A1-107, Z x B433A2-6
8/16 4509

-108
8/22 4510

-109
8/16 4511

-110
8/19 4512
good Centum type, uni mat
light grain type, Watch
Do this a Centum row,

-111
8/22 +WT 4513

-112
8/14 4514
an excellent Zenith type
Seed smooth from Sept row
Stem buds uni mat,

-113
8/15 4515

-114
8/16 4516

F3 B504A1-115, Z x B433A2-6
4517 8/15 B51-6333-1

F3 B502A2-1, BBT x Cent
4518 B51-6334-2
Hv

-2
4519
Hv

-3
4520 8/17
Hv

-4
4521

-5
4522 8/21

-6
4523 8/20 Excellent Cent type
Hv uniform.

-7
4524 green stained, short stemmed
Hv good grain shape

F3 B502A2-8, BBt x Cent

BBt mal, fold bulks 4525
short straw, v. uniform, green
stained, advanced in 14-4

-9

8/21 4526

-10

8/17 4527

-11

8/22 4528

-12

8/19 4529
Uniform row, green straw,
standing straw. Should be a good
miller Watch

-13

8/16 4530

-14

4531

-15

8/17 4532

F3 B502 A2-16, B Bt x Cent

4533 Hw

-17

4534

-18

4535 Hw V. short stem, sturdy V good row.

-19

4536 Hw

-20

4537 Hw

-21

4538 8/18-

-22

4539

-23

4540 Hw

F3 B502A 2-24, BBt x Cent
8/23 4541
Hr

-25 4542

-26 4543
8/20

-27 4544

-28 4545
Hr

-29 4546

-30 4547
Hr

-31 4548
Hr

Advance, a new long row,
1 shot steam, Umpire

F3 4549	B502A2 8/22	-32	BBt x Cent Shorter than the average.		
4550	8/19	-33			
4551		-34			
4552	8/18	-35			
4553		-36			
4554		-37			
4555	8/22	-38			
4556	8/22	-39			

F3 B502A2-40, BBt x Cent
v. uniform, green straw
easily threshed, full grain 4557
Hv

-41 4558

-42 4559
8/18

-43 4580
Hv

-44 4581
8/22
Hv

-45 4562
Hv

-46 4563
V. uniform gold hulled 200
Awn lot v. good
Hv

-47 4564

F3 B502 A2-48 BBt x Cont

4565 an autotetraploid short stemmed
Nr row, green stem BBt mat,
ade for seed With leaves thin Cont, v. sturdy stem

-49

4566 8/20

-50

4567 v good BBt mat row
Nr

-51

4568
v uniform
Nr

-52

4569 8/22

-53

4570 8/21

-54

4571

-55

4572 8/18

F3 B502A2-56, B8t × Cent
8/22 4573

-57
8/17 4574
with light straw, tall, fair Hv

-58 4575

-59 4576 Hv

-60
Has very short straw 4577 Hv

-61
fairly short straw, ?, sturdy, very uniform row 4578 Hv
water

-62
8/20 4579

-63 4580

F3 B502A2-64, BBt x Cent

44581

-65

44582

-66

44583 BBt must be good full grain type Watch green straw

-67

44584

-68

44585

-69

44586

-70

44587

-71

44588

F3 B502 A2-72, BBt x Cent

4589

-73

51-6334-2

4590

F3 B502A2-74, BBt x Cent
B51-6334-2

4601

-75

4602

-76

4603

-77

4604 Stem dried but foil and short stem

-78

4605

-79

4606

-80

4607

-81

4608

F3 B502A2-82, BBt x Cent 4609

-83 4610

-84 4611

-85 4612

-86 4613

-87 4614

-88 4615

-89 4616

F3 B502A2-90, BBt x Cent.

4617

-91

4618

Hv

-92

4619

-93

4620

-94

4621

-95

4622

-96

4623

Hv

-97

4624 v. good, green sturdy stem

Hv

F3	B502A2-98		4625
	-99		4626
	-100		4627
	-101		4628
	-102		4629
	-103		4630
	-104		4631
	-105		4632

F3 B502A2 -106, B B7 x Cent

4633
Nr

-107

4634
Nr

-108.

4635 Advance prairie of a good yield good
large culms, v sturdy straw
Nr light (RR mt), green straw
Short straw

-109

4636

-110

4637
Nr

-111

4638

-112

4639 short straw, v. good
Nr uniform

-113

4640
Nr v. good

F3	B502A2	-114		4641 Hu
		-115		4642
		-116		4643
		-117		4644
		-118		4645
		-119	Shot study straw	4646 Hu
8/20		-120		4647
8/18		-121		4648

F3 B502A2-122, BB+ x Cent

4649

Hw

-123

4650 8/17 - 8/24

Hw Saved acct carbineer, mostly weak straw grain rotter lang

-124

4651

-125

4652

-126

4653 8/23

-127

4654

Hw

-128

4655

-129

4656 8/21

F3 B502A2-130, BBt x Cnt
8/20 4657

-131
Shat, green stained ears
V. uniform, V. good 4658
Hu

-132
8/22 4659
Hu

-133
8/21 4660

-134 4661
Hu

-135
8/19 4662

-136 4663

-137 4664

F3 B502A2 -138 BBt x Cont

4665 8/22

Nw

-139

4666

WT ip

-140

4667 8/21

-141

4668 8/21

-142

4669 8/22

Nw

-143

4670

-144

4671 v. short straw, vandle bt.

Nw

-145

4672

F3 B 502A 2-146, BBt x Cont
8/22

4673

-147

4674

-148

4675

-149

4676

-150

4677
Hr

-152

8/18

4678

-153

4679

-154

4680
Hr

Rather dull but green showed clear for G.O. good

F3 B502A2 - 155, BB1 x Cent

4681

-156

4682

full grain type, Uniform
rotten late, Slat stain

-157

4683

-158

4684

-159

4685

-160

4686

-161

4687 8/19

-162

4688

F3 B502A2-163,8BtxCent
4689

-164

61-6334-2
8/18
4690

F3 B502A2- 165, BBt x Ce.t
B51-6334-2

4701 Hv

-166

4702

-167

4703

-168

4704

-169

4705

-170

4706

-171

4707 Hv Shat stunty green stemmed row

-172

4708 Hv like 4707 but purple collar

F3 B502A2-173, BBtx cent / 4709

-174 4710

-175 4711

-176 4712

-177 4713

51-6334-2

F3 B502A3-1, " 4714

51-6334-3

-2 4715

-3 4716

F3 / B502 AB-4, BBt x Cbt

4717

4718 -5

4719 -6

4720 -7

4721 -8

4722 -9

4723 -10

4724 -11

This population not as good as many on W/MB

F3 B502AB-12, BBt x Cont

4725

-13

4726

-14

4727

-15

4728

-16

4729

-17

4730

-18

4731

-19

4732

F3 B502 A8 -20, BBt x Cont

4733	
4734	-21
4735	-22
4736	-23
4737	-24
4738	-25
4739	-26
4740	-27

F_2 B502A3-28, BBt x Cent
a good Century type

4741 Hr

-29

4742

-30

4743

-31

4744

-32

4745

-33

4746

-34

4747

-35

4748 Hr

F3 B502A3-36, 6Bt x Cent

4749

-37

4750 V study stem
check grad, appears to be outstanding
Dr ✓ grad. chk. → Advance

-38

4751

-39

4752 9/22

-40

4753

-41

4754

-42

4755

-43

4756

Dr

F3	B 5 D2A3 8/22	-44,	BBt x Cent		4757
	8/17	-45			4758
		-46			4759
		-47			4760 Hu
		-48			4761
		-49			4762
	8/19	-50			4763
		-51			4764 Hu

F3 B502A 3 -52, BBt x Cent

4765

4766 -53 BBt mat, green sturdy straw, excellent quality

4767 -54

4768 -55

4769 8/22 -56

4770 8/22 -57

4771 8/20 -58

4772 -59

F3 B502A 3-60, BBt x Cent

8/20 4773

-61

8/19 4774

-62 4775

-63

Excellent Century grain type wheat 4776

-64

8/17 4777

-65 4778

-66

8/22 4779

-67

good Century type with tall Excellent grain texture 4780

F3 B502 A3-68, BBt x Cent

4781 short shoot, rounded antony type watch

Hv

-69

4782

Hv

-70

4783

-71

4784

-72

4785

-73

4786

Hv

-74

4787

-75

4788

F3 B502A3-76, BBt x Cent ✓

4789

-77

B51-6334-2 ✓

8/19

4790

F3 B502A3-78, BBt x Cent
B51-6334-3

4801 Excellent Century Type
Hr watch Shot stain green stain

-79

4802 Tach's later than 4801
Hr. Excellent grain type, better than 4801
green stain

-80

4803

-81

4804 8/20

-82

4805
Hr

-83

4806 8/19

-84

4807 8/19

-85

4808

F2	B 502 A3 - 86, BBt x Cent		
8/22			4809
		-87	
8/22			4810
		-88	
			4811
		-89	
8/23	green stem		4812
Cutting appearance		vegetatively	
		-90	
			4813
		-91	
			4814
		-92	
8/20			4815
		-93	
			4816

F3 B502 A2 -94, BBT x Cent

4817

-95

4818 Excellent grain shape

-96

4819

-97

4820

-98

4821 8/20

-99

4822 8/22

-100

4823

-101

4824 8/V

F3 B 502A B-102, B Bt xcent
8/23
4825
Hw

-103
4826
Hw

-104
8/20
4827

-105
4828

-106
4829
Hw

-107
4830

-108
8/20
4831
Hw

-109
4832
Hw

F3 B502A3 -110, BBt x Cent

4833

-111

4834 8/20

-112

4835

-113

4836 8/21

-114

4837 8/18

-115

4838

-116

4839 8/22

-117

4840

F3 B502A3 -118, BBt x Cent 4841
Sto CO Short Stem
Ukr

-119 4842

-120 4843
8/19

-121 4844
8/21

-122 4845
8/20

-123 4846
8/22

-124 4847

-125 4848

F3 B502A3 -126, BBt x Cent

4849

-127

4850

-128

851 8/21

-129

4852

-130

4853 8/20

-131

4854 8/18

-132

4855

-133

4856

F2	B502A3	-134,	BBt x Cent			4857
	8/20	-135				4858
	8/22	-136				4859
	8/21	-137				4860
	8/18	-138				4861
	8/20	-139				4862
	8/18	-140				4863
	8/20	-141				4864

F3 B502A3 -142, BBt x Cent

4865

-143

4866

-144

4867 8/22

-145

4868 8/18

-146

4869 8/19

-147

4870

-148

4871

-149

4872 8/22

F3 B502A3-150, BBt x Cent

4873

-151

8/19

4874

-152

8/21

4875

-153

4876

-154

8/19

4877

-155

4878

-156

4879

-157

4880

14881	F3	B502A3-158,	BBt x	Cent.	B51-6334-3
14882	8/14 – 8/23			PL-183, 331	
14883					
14884					
14885					
14886					
14887					
14888					

PI-183,331 4889

PI-183,331 4890

F3 B508A1 – 57, BBt x H0 = 10
B51-6331-)

4001

-58

4002

-59

4003

-60

4004 8/20

-61

4005

-62

4006

-63

4007 8/20

-64

4008

F3 B-508 A1 -65, BBT x HO -10/
8/18 4909

-66 4910

8/14 8/23 -67 4911

-68 4912

-69 4913

-70 4914
8/22

-71 4915

-72 4916

F3 B508A1-73, 887 x H0-10

4917

-74

4918 9/21

-75

4919

-76

4920

-77

4921

-78

4922

-79

4923

-80

4924 8/16-

F3	B508	A1	-81,	BBt×	H0-10	4925
			-82			4926
	8/22		-83			4927
			-84			4928
			-85			4929
			-86			4930
			-87			4931
			-88			4932

F2 B508A1-89, BBt x HO-10

4933 8/18

4934 8/17 -90

4935 8/21 -91

4936 8/17- -92

4937 8/23 -93

4938 8/21 -94

4939 8/17 -95

4940 8/20 -96

F3	B508A1		-97	BB* x HO-1		4941
			-98			4942
	8/14	8/23	-99			4943
			-100			4944
			-101			4945
			-102			4946
			-103			4947
351-6331-1						
F3	B508A2		-1		"	4948
351-6331-2						
	8/21					

F3 B508A2-2, BBtx HO-10

4949

4950 8/19 -3

4951 8/19 -4

4952 8/17 -5

4953 -6

4954 8/22 -7

4955 -8

4956 -9

F3	B508A2	-10,	BBt x H0	-10		4957
	8/20					
		-11				4958
	8/20					
		-12				4959
		-13				4960
		-14				4961
	8/18					
		-15				4962
		-16				4963
		-17				4964
	8/21					

F3 / B508 A2-18, BBt x H0-10

4965 8/21

4966 -19

4967 -20

4968 -21

4969 8/21 -22

4970 -23

4971 -24

4972 -25

F3	8/16	B508A2	-26,	BB+x	HO-10	4973
	8/17		-27			4974
	8/17		-28			4975
			-29			4976
	8/17		-30			4977
	8/21		-31			4978
			-32			4979
			-33			4980

F3	B508A2-34,	BBt x H0-10			
4981	8/20				
4982	9/17	-35			
4983	9/19	-36			
4984	9/19	-37			
4985		-38			
4986	8/21	-39			
4987	8/17	-40			
4988		-41			

43	B508 8/13	A2 8/22	-42,	BBT x HO-10	4989
851-6331-2			-43		4990

5001	8/20			53-2088	
5002	8/18				89
5003	8/18				90
5004	8/13 – 8/22			53-2188	
5005	– 8/22				89
5006	8/22				90
5007				53-2288	
5008					89

3-2290						5009
3-2388						5010
	89					5011
	90					5012
3-2488						5013
	89					5014
	90					5015
3-2588						5016

5017				53-2589
5018				90
5019				53-2688
5020				89
5021				90
5022	Evening		A	B3H 50 Stiff straw
5023	Evening			
5024				11

"						5025
"						5026
eg BBt tiff stran B) Evng						5027
"						5028
"						5029
"						5030
"						5031
egular BBt tiff, Stran C Evng						5032

5033

5034

5035

5036

5037 Evening ▷ Reg BBT Stiff Straw

5038 "

5039 "

5040 "

Evening BBT, Reg, Stiff straw

D				5041
Reg BBS Staff Stam E		Evening		5042
	"			5043
	"			5044
	"			5045
	"			5046
Reg BBS Staff Stam F		Evening		5047
				5048
"				

5049					Cummins, City Ice & Fuel, Ship Stores
5050					"
5051					"
5052	Curing		(S)	Reg Boat Stor	
5053				"	
5054				"	
5055				"	
5056				"	

H		Ewing		5057
R. B.B.t				
Staff Stan				
"				5058
"				5059
"				5060
"				5061
				5062
Eng B.B.t Staff Stan		Ewing		
	"			5063
				5064
	"			

5065					I
5066					I.
5067	apparent on 8/4/53, shorter than BBt		narrow grem longer narrower		BBt50 g.
5068					"
5069					"
5070					"
5071					"
5072			BBt50 Station north 2		

						5073
						5074
						5075
						5076
						5077
						5078
						5079
						5080

B. 50 Sel.,
with 8
letters)

"

"

5081 ✓

5082 BB# 50 Sel north 6 Station

5083 "

5084 "

5085 "

5086 "

5087 BB# 50 Sel north 4 Station

5088 ✓

Dark Hard Blue Sand
as from 145-2

5089

5090

1			BBD 50 2d north 5 stations		
2		BBD 50 H Rail	"		
3			"		
4			"		
5			"		
6			BBD 50 2d north 1 station		
7				✓	
8				✓	

9

10

BB 50 Sel
north 3
Station

11

12

13

14

15

BB 50 Sel
north 7
Station

16

17 ✓

18 ✓

19 ✓

✓

20

Tuelis C.I. 8970

21 Have 25 rows, were harvested 7/16/5

- At approximately inches
length of rows =

22 7 ears grains per panicle, grains
rather large, some sterile, last
heads had only a few branches

23 average length = 11 feet x 25 =
275 sq feet.

24

25

26

27

28

29

20

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

Smooth Zenith

Row 11 (from north 2nd tier from W)
was 1st head on 7/13

Row 23 3rd tier = 1st hd 8/11
26 7/12

---

19 4th tier = 7/13
1 " 7/13

5th tier =

To harvest V. late

360 ✓
07 ✓
08 ✓
10 ✓
13 ✓
14 ✓
15 ✓

8/
9
7
20

Todd Nob. Trip
nematode

1	N 244	north
2	ck	
3	6907	
4	ck	
5	N 244	
6	6907	South

To transplant
~~4220~~
~~4486~~
~~4453~~
~~4812~~ Mud Hills

Transplant
3601
3609
3485 Camillo
3376

1953

H.O. NURS.

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

8001 to 8342

6-Row Breeding Nurs. pp. 31

17-Var. Test on 51, pp 59.

1642
1643

Haploids = 1730

Cross with Zenith

8835 + 8837

8874

8876 and 4 best for Smooth Z

8876 + 8888

8903 early row best Zenith grain

8913 one of very best cross with Zen

8935 cross with Zen. typical Zen

8960 Cross with Zenith

8991 "

8997 "

8987 cross Smooth type with Zenith

8940 cross, ant very early

8948 " ant v. good grain shape

8978 " Earlier & darker green

8932 Typical Zenith

8927 " & earlier

Rw 266 to 270, inclusive are

Ho 341 or 1952 plot 83

Cedar Ho resistant 112 to 119, incl.

Use C 6 drawing pen
in India Ink to make outline

~~1651 4th row~~
~~1654 (2 rows)~~
~~1703 1st row~~
~~1704 2nd row~~
~~1718 5th row~~
1719 ~~3rd row~~

~~1677 2nd row~~
~~1682 2 1/4th row~~
~~1679 5th row~~
~~1686~~
~~1649 1st row~~
~~1624 3rd row~~
~~1616 3rd row~~
~~1614 2 rows~~

straight bed work

Curve ~~on the grain~~ 175 Cross Cut, 7 Ply Rivers
1776+77

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment..... .....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner..... .....Drilled.

Date..... .....4-27-'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084-1

check rows down to 52-2583 thru 8145 and 52-2579 from 8148 up

8001	check	✓
8002 ✓	B52-7001, Bluehammer Sel	52-7001
8003	"	52-7001
8004	check	✓
8005 ✓	HO-3-1-1-1, TP49xB3812A	4101
8006	HO-3-1-2-2, "	4103
8007	check	✓
8008	HO-3-2-1-1, "	4107

8009	HO-3-2-1-1,	TP49 x B3812A		4109
8010	check			✓
8011	HO-10-1-1-1,	172	"	4111 was labeled 4911
8012	HO-18-1-1-1,		"	4113
8013	check			✓
8014	HO-21-1-1-1,		"	4117
8015	HO-35-1-1-1,		"	4119
8016	check			✓

8017	HO-35-1-1-1,	TP49x	B38127	4119
8018	"	"		4119
8019	check			✓
8020	HO-36-1-1-1,	"		4121
8021	HO-45-1-1-1,	"		4123
8022	check			✓
8023	HO-45-1-2-1,	"		4125
8024	HO-49-1-2-1	"		4127

8025	Check			✓
8026	H0-51-3-1-2,		"	4129
8027	H0-51-3-1-3,		"	4131
8028	Check			✓
8029	H0-55-3-1-1,		"	4133
8030	H0-55-4-1-1,		"	4135
✓				
8031	Check			83
8032	H0-60-1-1-1,		"	4139

8033	HO-60-1-1-1, TP49 x B3812A			4141
8034	check			✓
8035	HO-71-2-1-1,		"	4143
8036	"		"	4149
8037	check			✓
8038	HO-91-2-1-2,		"	4151
8039	HO-99-4-1-1		"	4153
8040	check			✓

8041	HO-308-4-1-1,	BRt	x	B 381	2A 4157
8042	HO-315-1-1-1,			"	4159
8043	Check				✓
8044	HO-315-1-1-1,			"	4159
8045	HO-324-5-1-1,			"	4161
8046	Check				✓
8047	HO-367-2-1-1,	TP	x	B 381	2A 4163
8048	HO-367-5-1-1,			"	4165

8049	Check			✓
8050	HO-388-1-1-1,	TP x 83812A		4167
8051	"		"	4167
8052	Check			✓
8053	HO-388-1-1-1,		"	4169
8054	HO-388-4-1-1,		"	4171
8055	Check			✓
8056	HO-388-4-1-1,		"	4171

✓

8057	HO-388-4-1-1,	TPxB3812A			4173
8058	Check				✓
8059	HO-394-1-1-1,			"	4175
8060	HO-394-3-1-2,			"	4177
8061	Check				83
8062	HO-443-3-1-1			"	4179
8063	"			"	4181
8064	Check				✓

8065	HO-443-4-1-1,	TP×B38	12A	4183
8066	HO-443-5-2-1,	"		4185
8067	Check			✓
8068	HO-443-6-1-1,	"		4189
8069	HO-468-1-14,	"		4201
8070	Check			✓
8071	HO-468-1-5-1,	"		4203
8072	HO-468-2-3-1,	"		4205

✓

8073	Check			✓
8074	HO-468-2-3-1,	TP×B 38	12A	420 ✓
8075	HO-468-4-2-1,	"		4209
8076	Check			✓
8077	HO-468-6-2-1,	"		4213
8078	"	"		4215
8079	Check			✓
8080	HO-473-2-1-1,	"		4212

✓ v. good vegetatively (robertsii), rather weak stem, Arkansas

8081	HO-484-1-1-1,		TP x B38	ZA 4225	
8082	Check			✓	
8083	HO-484-1-1-1,		"	4225	
8084	HO-484-2-1-1,		"	4225	
~~8085~~					
~~8086~~					
8087					
8088					

8101	Check				✓
85					
8102	HO-484-2-1-1,	TP	x	B3817A	4229
✓					
8103	HO-487-4-1-1,			"	4230
8104	Check				✓
8105	B3812A1-2-3,	(16K5-5309	x	S-F)	4235
8106	"			"	4235
90 ✓					
8107	Check				83
8108	B3812A1-2-2,			"	4241
✓					

93

8109	B3812A1-2-2, (1645-5309 x S-F)	4245
8110	Check	✓
8111	HO-2-1-1-1, TP49 x B3812A	4249
8112	Bluebonnet Parent?	4525
8113	Check	✓
8114	HO-2-3-1-1 TP49 x B3812A	4249
8115	Bluebonnet Parent?	4527
8116	Check	✓

HO-4-2-1-1,	TP42 x B3812A	8117
Check		8118
HO-4-2-1-2	"	8119
HO-9-1-1-1,	"	8120
good late row		
Check		8121
HO-11-1-1-1,	"	8122
HO-14-1-1-1,	"	8123
Check		8124

8125	HO-27-1-1-1,		TP49x	B3812A	4265
8126	HO-48-1-1-1,			"	4267
8127	Check				✓
8128	HO-49-4-1-1,			"	4271
8129	"			"	4273
8130	Check				86
8131	HO-51-5-1-1,			"	4275
8132	"			"	4277

	Check			8133
	HO-51-5-1-1,	TP49 × B3812A		8134
	HO-65-1-1-1,		"	8135
	Check			8136
	HO-67-1-1-2,		"	8137
	"		"	8138
	Standard stem, chlorotan			
	Check			8139
	HO-83-1-1-1,		"	8140

125

8141	HO-83-1-1-2,	TP49 x B3812A	4287
8142	Check		✓
8143	HO-97-1-1-1		4289
	good late root HMB		
8144	HO-102-1-1-1,	"	4301
8145	Check		✓
8146	HO-113-1-1-1,	"	4303
8147	HO-114-2-1-2,	"	4311
8148	Check		79

Page
End

✓			
	HO-114-3-1-1, TP49 x B3812A		8149
15	〃	〃	8150
17	Check		8151
	HO-114-3-1-2,	〃	8152
19	〃	〃	8153
21	Check		8154
	HO-116-1-1-1,	〃	8155
23	〃	〃	8156
25			

8157	Check			✓
8158	HO-119	,	TP49xB3812A	4329
8159	HO-135-1-1-1,		"	4329
8160	Check			✓
8161	HO-143-1-2-1,		"	4331
8162	HO-144-1-1-1,		"	4335
8163	Check			✓
8164	HO-161-1-1-1,		"	4339

H0-170-1-1-1,	TP49 x B3812A		8165
Check			8166
H0-227-1-1-1,		"	8167
H0-252-1-2-1,		"	8168
Check			8169
H0-256-2-1-1,		"	8170
H0-281-1-1-3,		"	8171
Check			8172

157				
8173	HO-281-1-4-2,	TP49×B32	#2A	4355
8174	HO-302-1-1-1,	"		4361
8175	Check			✓
8176	HO-330-1-1-1,	"		4365
8177	HO-330-1-1-3,	"		4369
8178	Check			79
8179	HO-330-1-1-5,	"		4373
8180	HO-341-1-1-1,	"		4375

(27 Todd) Do Rewired

	Check				8181
	HO-341-1-1-1,			TP49 x B38	12A 8182
	"			"	8183
	Check				8184
					~~8185~~
					~~8186~~
					~~8187~~
					~~8188~~

169 8201	HO-341-1-1-1, early	TP49 x B3812A	4381
8202	HO-341-1-1-2, early	"	4383
8203	Check		✓
8204	HO-364-1-1-1, late	TP x B3812A	4387
173 8205	"	"	4389
8206	Check		✓
8207	HO-371-2-1-1,	TP x B3812A,	4403
8208	HO-371-2-1-2,	"	4409

	Check		8209
4/11	HO-421-2-1-1, TP x B3812 A good latex w/MB		8210
4/11	"	"	8211
	Check		8212
4/13	HO-421-2-1-1,	"	8213
4/15	HO-429-2-2-1,	"	8214
	Check		8215
4/19	HO-438-1-1-1,	"	8216

185 8217	HO-438-1-1-1	TP x B3812A	442
8218	Check		✓
8219	HO-441-4-1-1	"	442
8220	"	"	442
8221	Check		✓
8222	HO-444-2-2-2	TP x B3812A	442
8223	"	"	443
8224	Check		79

4/33	HO-464-1-1-1,	TP x B3812A		8225
4/35	"	"		8226
/	Check			8227
4/37	HO-464-1-1-1,	"		8228
4/39	HO-485-1-1-1, bad for stability late	"		8229 ✓
/	Check			8230
4/41	HO-485-1-1-1, bad for stability late	"		8231 HV ✓
4/43	HO-485-1-2-1, bad early	"		8232 ✓

201

8233	Check				✓
8234	HO-485-1-2-1,		TP x B	3812A	4443
8235	"			"	4443
8236	Check				✓
8237	HO-485-1-2-1,			"	4443
	moth eaten moisture (not cut) or sugar, mildew				
8238	"			"	4443
	moth bite				
8239	Check				✓
8240	HO-485-1-2-1,			"	4443

45	HO-485-1-2-1,	TP	x	B3812A		8241
	Check					8242
49	HO-489-1-1-1,	TP	x	B3812A		8243
51	HO-489-1-2-1			"		8244
	Vigoro latex row					
	Check					8245
55	B396B47-11-2-2-1,	SP-SJ	x	R-		8246
	"			"		8247
	Check					8248

8249	B396B47-3-1-3-2,	SP-S	JX	R-1 4459
8250	B396B47-5-1-1-2,	"		4463
8251	Check			✓
8252	B396B47-5-1-1-2,	"		4465
8253	B396B47-5-1-4-2,	"		4467
8254	Check			79
8255	B396B47-5-1-4-2,	"		4469
8256	B396B47-5-1-4-3,	"		4471

	Chuck			8257
	B396B47-1-7-2,	SP-55	x	R-D 8258
	"	"		8259
	Chuck			8260
	B396B47-1-8-2,	"		8261
	HO-74,	TP49	x B3812A	8262
	Chuck			8263
	HO-74,	"		8264

8265	HO-91	TP49 x B3812A		4489
8266	Check			✓
8267	HO-91		"	4489
8268	Texas Patna			4501
8269	Check			✓
8270	Texas Patna			4503
8271	"			4505
8272	Check			✓

Texas Patna		8273
"		8274
Chuck		8275
TP 49		8276
"		8277
Chuck		8278
TP 49		8279
TP 49		8280

8281 Check ✓

8282 TP79 (Was labeled 4519 4419)

8283 Bluebonnet 4521

8284 Check 79

8285 Bluebonnet 4523

8286 Bluebonnet 4529

8287 Check ✓

These 3 rows are along back side next to Canal.

8301

8302

8303

8304

8305

8306

8307

8308

8309

8310

8311

8312

8313

8314

8315

8316

8317

8318

8319

8320

8321

8322

8323

8324

8325

8326

8327

8328

8329

8330

8331

8332

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8334

8335

8336

8337

8338

8339

8340

8341

8342

6001 | 6002

hd. 1 bf. Tillers

6003 6004

B437A1-6-1-17-4, Sm BR-BR41x 8323	101	7/25	8/11	9/6	
	2630	V. uniform, much like 8323, Smooth fairly easy to thresh. green straw, BK grain			
B4564A2-11-4-1-1, Bruin Selx Z	102	7/15	7/24		
	2648	Poor, none as early			
		Seed heads from 2 South gone on 8/18 (all injured Pmo + 2)			
B4510A3-2-1-1, R-7689x Hill Med	103	7/22	8/3		
	2672	Sep. types? Seed pan			
B459A1-117-1-1, Hill Selx Rexark	104	7/20	7/25	8/21	
	2673	Seed pan			
Edith C.I.	105	7/22	8/1		
	4601	Seed pan			
B45-15-1-1-6-6-1-1, Hill Med x Z	106	7/16	7/26		
	4603				
B49-12-1-3, Hill Med x Z	107	7/22	8/3		
	4604	Seed panicles			

type erect panicles, Segr. grain length
clean neg. ↓ V. short straw. Saved one 2
larger grain types, low grain yield and
thin Short Rods. Utah

BK grain type but gold hulls. V early
ened, short straw;

ite tall, uniform type. D Edith
lowest all rows for V rable seed

Immune Parade Type

1608	B46-2053-14-1, P×7689 Hr 10/7 Send to Coweta cut	4606	201 8/25 V. long int flag leaves Short straw. 2 roots.	9/6	10/1
1609	Drewsom	4611	202 7/19	7/28	8/21
1610	Like Leger Notte-heger.? Like Krynon	4617	203 7/19 3rd row from South Drewsom	7/28	
	any leaves fell on 7/10				
1611	B4935-21-2-2-1-1, H. 11 Nat'l Cr.	2036	204 7/16 V. uniform poor tillering	7/26	8/19
	wide leaves like Red Patno				
1612	B4031A1-1-2-2-1, TP×R-SBR	4619	205	9/15	
1613	"	4619	206 9/10 dark green color rather prom leaves, more hd bend than an rust 7/21 Send Jap straw	8/22	
1614	B51-3637-6, 14 Cent. Rogue Check for straight head cut 11 tons good grain qual, may be field thin clothing,	2254	207 7/20	7/30	8/22

WT 24

v green straw, no ♀, Indian Potrero type

Long open panicle Coso art

centuria v BB 1550

8/17

Spread branches

+ 7/21

These appear identical

Grd Valley short type

a short strawed full grain Hull Potrero

a long peduncle but short straw

v. wild flops that drop.

other short straw, sturdy straw, cut

well long pl. grain, ponty fig'd

open staple. not Jap straw type

thin heads.

a very good Centuria

17

1615	C.I. 5094	4626	301	7/29	8/8
	grain appears to have genetic eye. Is this the source of this character in Cent?				
1616	Hill Patna	4627	302	8/1	
1617	B4031A1-1-1, TPxR-SBR, Nat'l Cross	4629	303	7/25	8/7
				Sap leaf type, dark color, narrow leaves, upright 2 1/2 V. good tillering	
1618	B45-15-1-1-8-2-4-2 Hill Med Rogue	2619	304	7/23	8/6, 8/27
				V. long grain	
	Hv 9/17 2y			average	
1619	B459A1-31-4-1-1 Hill Sel x Rexark	2058	305	7/7	7/20 8/11
				Hv 8/24	
1620	B49-3896, Cent. Rogue	2315	306	7/21	7/30 Dwf
				Hv 8/24	
1621	B50-4401, Cent 234 Sel	2345	307	7/18	8/2 8/22
				Seg mat., 2 so. rows taller 4th + 5th from Soare	earliest

St	Ho	Co	mT.

1622	B52-2457, E. BBt Sel 2457	401	7/24	8/2	
1623	B52-2458, E. BBt Sel 2458	402	7/28	8/12	Segregat + hue color in/str, later than 1622 Taller + later than others
1624	B52-2459, E. BBt Sel 2459	403	7/24	8/1	9/28 prob. taller than B52-2457 appears to be quite typical
1625	B4524A1-8, TP49x(TPxR-SBR) 2532	404	7/19	7/20	8/18 Hv 8/24
1626	B4524A1-7, TP49x(TPxR-SBR) 2548	405	7/19	7/27	
1627	B4530A1-5-3-2-1, TP49x Hill Mcd 2719	406	7/24	8/4	9/1
1628	B459A1-49-1-2-1, Hill Sel x Rexark 4635	407	7/6	7/19	8/10 Hv 8/24

9/8 Some lodging on 9/8

t	Ao	Co	MT				

B459A1-49-1-2-2, Hill Sel x Rexark 2071 — 501 — 7/6 — 7/18 — 8/24

B459A3-10-3-3-2, Hill Sel x Rexark 2085 — 502 — 7/13 — 7/24

B459A3-11-1-1-1, Hill Sel x Rexark 2090 — south 503 — 7/8, 7/14, 7/16, 7/11, 7/12, 7/9 — 7/16, 7/14, 7/18, 7/20, 7/20, 7/20 — 8/8, 8/10

north

B459A3-13-1-2-2 Hill Sel x Rexark 4639 — 504 — 7/4 — 7/16 — 8/11

B459A3-14-3-2-3, Hill Sel x Rexark 2112 — 505 — 7/15 — 7/24

B459A3-14-1-2-1, Hill Sel x Rexark 2041 — 506 — 7/7 — 7/18 — v. uniform

B459A3-15-1-1-2, Hill Sel x Rexark 4641 — 507 — 7/14 — 7/23 — no value

much better than Ethus Hill / Rexark Sele
n
/17

Too tall

Loved par, acct early mat. from 2nd Rep.
/17 grain too long, pan too slender,

grain too long + ~~d~~ curved, obscured

better than 1634

Rise acct poor grain type
very slender + poor germ ~~Dark~~ shape

in stemed, lodging

1636	B459A3-47-3-1-4, Hill Sel x Rexork 4643	601	7/9	7/19 leaning on 7/31		
1637	B4513A1-25-1-2-2, Hill Sel x BBt 2144	602	7/11 + 7/16 (early + late)	7/20 / 7/25 (north / south)	8/2 (early)	
1638	B4512A1-58-1-4, Hill Sel x BBt 2175	603	7/9	7/22	8/8	
	north row seg for bud color					
1639	B4512A1-32, Hill Sel x BBt. 2183	604	7/25	8/4		
1640	B4512A1-32, Hill Sel x BBt 2186	605	7/22	7/31		
1641	B4515A1-13, Hill Sel x RN 2211	606	7/10	7/20	8/9	
1642	B4512A1-20, Hill Sel x BBt 2152	607	7/5	7/16	8/5	

Desc ancest too Tall + lodging
grain too long.

eaning straw like A-32
Long pedicel type, rather tall
Sand panicles ovt V. slender gain 'just grain

Too tall, weak straw poor grain

Some family as 52-4650, Watch for grain lng

Same family as 52-4650

ar. 8/17 Very early short straw
check grain.

ar 8/17 badly damaged by birds

1643 B4512A1-20, Hill Sel x BBt — 701 — 7/6 — 7/16 — 8/8
2156 appear shorter stemmed than 1432, may be due to better stor

1644 B4512A1-32, Hill Sel x BBt — 702 — 7/4 — 7/14 — 8/6
2163 all runs about the alike for Mat

1645 B4512A1-32, Hill Sel x BBt — 703 — 7/2 earliest row — 7/11 — uniti
7/5 — 7/13 — fairly uni
7/6 — 7/15 — some lat
7/6 — 7/14 — "
7/4 — 7/12 — some lat
2164 — 7/2 [illegible] — 7/12 — Summit

1646 B4530A1-36-2-1, TP49 x Hill Med — 704 — 7/25 — 8/2 — 8/
1st row
4655 — Hu 8/24

1647 B4542A1-2 R-7689 x (TP x R-SBR) — 705 — 7/16 — 7/27
north row is late
2525

1648 B4544A1-26, R-7689 x RN — 706 — 7/16 — 7/23
uniform heading
4664

1649 B454A1-8/-4, BBt x K-R — 707 — 8/4 — 8/12
watch for C.D. resistance
4665 — 20 Str. C.D. BBt resistant

rust tr CO

Bette straw Hon A 1-32

tall & slight

V good straw, a full green

not know wh. age in 1952 Utah
a. med-gr. type, very early
short sturdy straw.

a short stemmed, med-gr type
poorly filled heads, poorly

1650 B455A1-25 108 7/31 8/8
BBt x (TP x R-SBR)
3265

1651 B455B2-3 109 7/31 8/11
BBt x (TP x R-SBR) Taller than 1654, & more
3271 vigorous growth, but less
Head as BBt 50, possibly a
shade grain than 1654

1652 B455B2-13, 110 7/30 8/11 9/1
BBt x (TP x R-SBR)
3278

1653 B4515A1-16 111 7/11 7/22 8/12
Hill Sel x RN Some tall plants
2214

1654 B455B2-11-2, 112 7/31 8/12 9/3
~~H BBt x~~ (TP x R-SBR)
4678 V. short straw & V. unifo
Hv 9/1 possibly substitute for B-rain in field mate

1655 B459A1-95-9-3-1, 113 8/4 8/16
Hill Sel x Revark

1656 B459A3-3-2-1-1, 114 8/5 8/16 9/7
Hill Sel x Revark V. short, extremely stiff
2804 straw, Heads appear heavier than 1655
and a better grain
Hv 9/17 Hv 9/17
Possibly substitute for A1-95 in F plots

gold bullos, Water hyp short straw
Grain appears to take shade
much like Dugout, except, for gold bullos

Very good appearance, Rod shorter
than B&T 50 but could tall than 16 52
ed and all straw sm, Sweet are segr. gold straw

gold bullos; light grain yield prob short
dec

Nearly short straw Segr
Curved grain, willowy straw

looks good on 8/17

Tr 3/4
W. 1 mp

d V. Sturdy straw & no white ear in 1952

ood acc excellent grain quality
slope. Check this in Sask. Mill

1657	B459A3-8-3-1-2 Hill Sel x Rexark 4684	208	9/31	9/12	
1658	B459A3-13-2-2-1, Hill Sel x Rexark 4687	209	8/1	8/11	Leafy, no value
1659	B459A3-54-4-2-3, Hill Sel x Rexark 4692	210	8/1	8/11	9/3
1660	B459A3-65 Hill Sel x Rexark 4695	211	8/1	8/19	Low Zeg. maturity
1661	B4311A2-23-1-1, SmBR-BR41 x 8323-Z 17	212	7/16	7/28	Hv 8/2 Hv thro
1662	Lady Wright Sel 29	213	7/16	7/27	Hv 8/24
1663	PI-184,811 B.G. Var T-1 33	214	7/18	7/31	Tall and weak straw

dioc

Ps very uniform, looks good, short straw
open panicle, erect flag, leafy

V. long erect flags

8/17 look for straight heads

lodging on 8/18

straw leaves; extreme erect leaf sht on 7/10

1664	RN, C.I. 8975	308	8/1	8/11	9/4
		127			
1665	B459A3-14-2-1, Hill Sel x Rexark	309	8/4	8/12	
		81			
1666	B459A3-72-1-2-1, Hill Sel x Rexark	310	8/2	8/12	9/5
		4697			
1667	B4510A1-9, Hill Sel x BBt	311	7/21		
		4698			
1668	B4511A1-70, Hill Sel x (TP x R-S BR)	312	8/16	9/1	9/20
		2864			
1669	B4511A1-53, Hill Sel x (TP x R-S BR)	313	8/16	9/1	9/20
		2857			
1670	Century 284-2-1, Rogue	314	8/13	8/27	9/18
		4705			

large culms, v sturdy straw, good growth, uniform

short stray too much blight

does not appear to be heavy yielding
Colored panicles acct open panicle type

typical BB1 no growth on 7/10
short like 1669

like 1669, push on much in identification

1671	B4031A1-1-5, LTPxR-SBR 2955?	408	8/15	Poss short awn, Indian Patna type,		9/13
1672	B44-2402-37-3, Patna from SmBR. 2958	409	7/28		8/9	
1673	B4512A1-4, HillSelxBBt. 4707	410	7/12		7/22 Hu 8/2	8/10
1674	B4512A1-50, HillSelxBBt. 4708	411	7/28		8/10	
1675	B4513A2-12-2-2-4 HillSelxBBt 2819	412	7/27	V. uniform	8/5	9/1
1676	B4513A2-12-2-2-2 HillSelxBBt. 2821	413	7/27	like 1675	8/6	9/1
1677	B4513A2-12-2-2-3, HillSelxBBt 2822	414	7/27	like 1675	8/6	9/1

o prob 52-2955, W as labeled 2855?

ered flags, V. sturdy straw, not ma
37 inches tall

no value

/17

Lighter green & taller than BB4 on 7/10

Too tall.

Lighter green & taller than BB4 on 7/10

B13+ neg growth, 7/10

B13+ neg growth 7/10

Rather tall and irregular but had stand at 9/

+ neg growth 7/10

1678	B4512A1-106 Hill Sel x BBt	2846	508	8/4	8/11	9/3 not as good as 1679
1679	B4512A1-106 Hill Sel x BBt.	2847	509	8/4	8/11	9/3
1680	B4513A2-21 Hill Sel x BBt	4714	510	8/8	8/16	
1681	B4513A2-12-2-2-1, Hill Sel x BBt	4715	511	7/27	8/5	9/2 Good vine but grain too shr and too fuel for BBt type
1682	B4514A1-50 Hill Sel x (TP x R-SBR)	4717	512	8/1	8/10	9/2 Has a very slender grain V. good shape Watch
1683	B4515A1-58 Hill Sel x RN	4720	513	7/29	8/12	2 early plants a lot 2nd row from South
1684	"	4720	514	8/1	8/12	

Watch acct slender-grain type

Watch acct slender-grain type
stands perfectly when cut, short straw
V. promising

rough med- short grain type, on ♂ type
Considerable sterility

Was harvested on 9/8 and probably labeled
1682 Has straw bulks. 1682 has
grds bulks Was changed on 9/4/5-4

stands perfectly when cut

no value

no value

S.L.

1685	B4515A1-58 Hill Sel x RN	2906	608 Short straw, long wh flags, panicles twisted at base. Water	8/2	8/12 9/5
1686	B4515A1-21 Hill Sel x RN	2884	609 quite leafy, v. good grain type, heavy grain yield.	8/2	8/10 9/3
1687	B4515A1-70 Hill Sel x RN	2918	610 not as good as 1686	8/2	8/11 - 9/3
1688	B44-2402-37-3 Patna from SmBR	2958	611	7/29	8/8
1689	B4524A1-43-3-2, TP49x(TPxR-SBR)	4723	612 Short straw and poor grain yield	7/29	8/7 9/1
1690	B4527A1-16-1-3-2, TP49 x Rexoro	2951	613 an interesting type, almost med. grain, wide leaves, flag drop.	8/4	8/12 9/9
1691	B4527A1-42-1-1-2 TP49 x Rexoro	2754	614 much like 1690 poor, not as good as 1690	8/7	9/10

long, rest flags, quite short straw
wooded Payne Lake Region
as much stability, S & C Co. dries down like
standing OK on 9/8, looks very good

from 7/16

good grain type, thin hulls, green
at last R & C.O. flags drop. Canogue

rogue, has straw hulls,

1692	B4526A4-4-1 TP49x(TPxR-SBR) 3004	708	8/11	lvin	8/23	9/16 rather short straw, v
1693	B4530A3-61-1, TP49xHill Med 4727	709	8/28		9/10	
1694	" 4727	710	8/29		9/10.	
1695	B4530A3-37-1-2-1, TP49xHill Med. 4728	711	7/30		8/8	9/5 consid taller than 1696
1696	B4530A1-5-4-2-1, TP49xHill Med 4729	712	7/29		8/7	full grained, long-gra rather short straw; sturdy clean.
1697	B4531A2-20-5-4, TP49x8975 79	713	8/4		8/11	9/4
1698	B46-4797-5, Roxark Sel. 4739	714	8/8		8/17	9/11 Fortuna head color V. good,

Erect flags are rather long, Mill
sturdy. Try for a med-like Tapes. TP+9 Pamyle
type not too vigorous negatively, TP+9 Sibley
are rather large + very sturdy, Rush not
taller than BBT 50

Rather tall + very late.

short like 693

Too late, progeny
short

Mill. Taller than Cent but BBT 50 type straw
is sturdy, good full grain type

a very sturdy straw, quite short straw,
long + pods more slender than BBT
Water, Mill

with infin. like BBT as desired

1699	B403IA1-3-3-47-7, TPxP-SBR	4740	115	7/25	8/2	8/27
				V. uniform mat'l, fairly gran than ongin		
				Clean for H.P.		
1700	Delitus C.I.	4746	116	7/26	8/3	9/1
				V. tacky		
1701	BS1-4296 BBT50 Sol	3038	117	7/28	8/7	
				beg bt, mostly		
				hard just a tack as orig		
				BBT, not a BBT gran		
1702	B46-4797-5 Rexark Sol	4739	118	8/8	8/19	
				Purple hard a few soft		
1703	BS1-4307, BBT50 Sol.	3055	119	8/3	—	8/28
				an aimless BBT sp, look very good		
1704	B45-2379 BBT Sol 2nd run	3148	120	7/25	8/3	9/28
				Earlier tion BBT equiv, threaded, questionable grain shape?		
1705	B45-2379-6-1-1-2, BBT Sol	4752	121	8/4	8/14	9/11
				Kv 9/17		

leaning badly on 9/8 when harvested

Has a very good grain type probably better than BB150, except a more slender grain.

much shorter straw than BB150 Water standing perfectly when cut on 9/8 V. good

like 2nd BB150 slender grain, V. good; no C.O.

1706	B433A2-6-10-2-1-2, B41-3299 x (R-SBR x BR41) 4754	215	8/13	8/24	
1707	B343B47-18, N x K 3461	216	8/5	8/16	9/9 quite leafy, considerable dying of lower leaves when mature flags stay green when ripe
1708	B433A2-6-10-2-1-2, B41-3299x(R-SBR x BR41) 4754	217	8/5	8/19	
1709	B457A1-11 BB7 x 8975 4755	218	8/6		Has very short sturdy straw, water
1710	" like 1709 4755	219	8/6		1 st not (so) different from 1709; stiffer taller & more vigorous in my stock and is like 1711 & 1712
1711	" 4756	220	7/29	8/8	all taller than 1709; more vigorous. BB7 not as prolific shorter straw than BB750
1712	" 4756	221	7/28	8/5	like 1711

dse

+ 7/15

like 1608

Rather bad for H.O. Check CO reaction
Has some C.O., are shot spots

+ on 7/15

rather leafy, good growth, good straw but
unsatisfactory stability

poor grain quality and not too vigorous

appears to have poor grain quality (shed)

1713	B4544A1-1-1, R-7689 x 8975 (4760)	315	7/25	8/4	9/2
1714	"	316	7/25	8/4	9/2
		4760			
1715	~~B4544825, Shadduck, Sel~~ HO-421-2-1-1, TPx B3812A	317	8/19	8/2	9/12
		4762	3rd row best & most uniform thru others		
1716	HO-4-2-1-2, TP49 x B3812A.	318	8/2	8/12	9/3
		4763	Green leaves when pressed, leaves drop 5 golds + 1 straw row.		
1717	HO-114-3-1-1, TP49 x B3812A	319	8/28	9/8	9/20
		4764			
1718	HO-116-1-1-1, TP49 x B3812A	320	8/4	8/12	9/3
		4765?			
	Maybe 4665 which is B4544A1-81-4, (BBYXX-X)				
1719	"	321	8/2	8/10	9/3
		4765?			

almost 9 Nira grain. Heavy
sturdy straw & large culms
leaves dry rapidly

1-2
Possibly seed thru
line to Florida no leaf drying on 9/6
to = 2-3

Too much HO poor tillering

HO > 2-(3)
Highly R to CO on 9/6, trace of CO.

lean vegetation, flag leaves & others drop. Stays
very green when grain matures
tan & purplish on 9/8 rolled vegetation

1720	HO-119, TP49 x B3812A	4766	415	8/2	8/10	9/2
1721	HO-341-1-1-1, TP49 x B3812A	4767	416	8/1	8/10	9/2 all leaves drop, stay green after green anthracnose leaves, other wilt, clean
1722	C.I. 8629, Glutinous	3931-34	417	8/5	8/15	
1723	B47-4394-18-2, Glut. Nat'l Cross	4771	418	9/2	9/12	Tr agent veg growth bad for HD V. long stay leaves
1724	B47-4399-7-1, Glut. Nat'l Cross	3882-85	419	8/29	9/9	V. short veg growth
1725	B47-4399-7-2, Glut. Nat'l Cross	3886-87	420	9/6	9/16	V. short veg. growth later than others
1726	B47-4399-8-2, Glut. Nat'l Cross	3888-90	421	8/27	9/12	V. short veg. growth

HO = 4-(5)

Poor quality, good veg characters, just too much H.O.

HO = 1

failed to get a stand

Very tall plot large stems, sturdy stem also grown in F plot

for phyto browning on 7/15

Very uniform + like 1725 + 26 except taller than 1725 + more uniform than 1726
V. short straw pr. stems

all appear very uniform, later than 1726
V. short straw
Taller than 1724, pr stems

Some variation in rows 2nd row is earliest + 5 + 6 are uniform
V. short straw
like 1724, except green stems
longer grain than 1724

1727	~~[illegible]~~ Hyb Mix, 11 or 12,	515 4786	9/7 Short veg	9/15 dark green	probably the same as 1728
1728	~~[illegible]~~ Hyb Mix-11-49-19-5, E. Short-grain Bulk.	516 4779	9/7 Short veg + dark green	9/15 like 1732	
1729	~~[illegible]~~ Hyb Mix-11-47-~~[illegible]~~-2, E. Short-grain Bulk	517 4780	8/16	8/24	9/21
1730	~~[illegible]~~ Hyb Mix-11-47-11-1-2, E. Short-grain Bulk	518 4781	8/6 Haploid plant on 4th row from south (Pasha grass) as were one seed plants	8/16	9/16
1731	~~[illegible]~~ Hyb Mix-11-47-11-3-1-6, E. Short-grain Bulk.	519 3574	8/4	8/15	9/10
1732	Hyb Mix 11-49-19-2, E. Short grain Bulk	520 3578	9/10 short veg growth	9/19	10/15
1733	Hyb Mix 12-49-3-4, Late Short-grain Bulk.	521 3585	8/29 V. tall veg growth	9/9	10/8

same as 1728 but looks superior

Virginia, has erect straw type grain short straw.

? like straw in field now ?
Virginia sturdy straw, easily threshed

"

short straw, earliest & easily threshed
Arizona

very short straw
much like 1727 & 28
has exceptionally small grain, rest straw
no CO, very little HO. Water

grain to late, still standing OK on 9/6
no CO. grain stained V. good
ripening to thresh (about right for combine)

1734	B343849-3, N x K unusual type	615 3605	8/20	8/30		
			Tall veg, erect leaves, much vigor & erect panicles. Jap grain type			
1735	B4555A1-02-2-2-4, Bruinsel x ~~8532~~ RR	616 3690	8/12	9/2.3	9/20	
1736	B4526A4-4-1-1, TP A9 x (TP x R-SBR) 2 rows 10'	617 3010	8/26	9/9	10/1	
			moderate veg growth, drop heavy leaves.			
1737	B4544A1-26, R-7689 x RN	618 3352	8/28	9/11		
			Extremely erect leaves			
1738	B406, F x Red	619 4793	8/17	8/29	9/25	
			Tall veg growth			
1739	B49-508, CA x R Same as 1779	620 3624+25	8/16	9/24	9/2	
			dark green color dropping leaves heavy veg. growth, short grain, Water-			
1740	B49-515, Ca x R. Same as 1780	621 3632	9/7	9/16		

Very tall Jap type grain, dark green
color and large stem of Jap; rough; BR type
stems; rather hard to thresh, ++ on HO; no CO.

very good Sm. BR type fairly easy to
thresh accumed chamber, dust

a very heavy plot, shorter straw than JP 44
little CO, Straw & leaves stay green

very short straw (not over 30 inches high)

++ 9/17

most too tall but very heavy

+ on 9/15

lit

1741	B4530A1-64-2, TP49x Hill Med	121	715	8/17	8/30	
1742	B4044A3-1-1-1, R.SBRx BR	116	716	8/10	8/24	9/15
1743	B3313A1-16, Rogue Rx7689	117	717	8/28	9/15	Segr mod + grain type
1744	B4555A1-102-2-2-4, Bruin Selx ~~BR~~ BR	3690	718	8/10	8/18	9/19 An excellent smooth BR type, prob. carries stem Rust. Very Low virulence Rare Wet
1745	B4524A1-1 TP49x(TPxR-SBR)	4800	719	8/11	8/23	9/15 Has slight stem rust not as short as 1756
1746	B4524A1-13 TP49x(TPxR-SBR)	4801	720	8/27	9/8	9/ drooping leaves, hvy veg growth
1747	B4531A2-93-4-2, TP49 xRN	3382	721	9/6	9/16	10/15 Erect leaves moderate veg growth

S to Co with Short sturdy, straw poor panicles dead

9 fairly long grain type good

+ on 7/15

Nice 1735, Jo very good

Rather leafy, quite short straw
V. sturdy, straw.

Too tall but so very productive
S to Co

Short straw, V. long flag leaves
large stems & very sturdy

1748	B4520A1-41 TP49 x RN	122 3389	9/2	9/19	
1749	B4531A2-77 TP49 x RN	123 4806	8/2	8/10	9/4
1750	B4534A1-58-6, R-7689x(TPxR-SBR)	124 4808	7/28	8/8	8/31
1751	B4534A1-58, R-7689x(TPxR-SBR)	125 3430 Taller	8/15 V. tall	8/28 vegetatively mature plant	9/20 lt than
1752	B4541A1-49, R-7689xTP49	126 4810 2	8/17 V. long Indian	8/31 flag leaves,	9/20 characteristic
1753	B4545A1-9 TPxHill Med	127 3766	8/14 looks like TP cleaner	9/29 vegetation.	9/20 9 way
1754	B4545A2-1, TPxHill Med	128 3771	8/27 not like 1755	9/10 has	

Excellent midseason, short stemmed K N
but heads rather short

Excellent grain type rather willowy
straw, Had sterile types present,
may be male steriles.

2a Was 1752, check origin 1751 & 5
may be alike - and not 1750 & 51 as shown
52 Also leaf drying when over ripe
and stay very green, Less Cotton 1752

much like 1753 but headed flags & more be
& more productive, otherwise the same
more easy drying than 1751 & shorter straw
S to C a

narrow leaves, short straw, straw brittle
and cut flags.

a good short strawed Petra, fairly long flags
but not like A 2-3, V standing straw
much like JP 49 for grain & veg growth, may
have shorter straw

1755	B4545A2-1, TPxHill Med	3776	222	8/15	9/1	Dk like 1771, V. tall ve Long narrow leaves
1756	B4541A1-27, R-7689 XTP49	3442	223	8/13	8/31	9/20 Short vegetative, 2a semi-dwarf types for Oregon
1757	B343B47-18-11-4, NxK.	3457	224	8/27	9/3	V. long flag leaves, erect
1758	B4527A1-48, TP49xR	4856	225		9/16	med lt, erect leaves 2a thru 3456
1759	B48-6418, Rexoro/Rogue	3471	226	8/27	9/12	10/4 Tall, erect, poor FH
1760	Texas Patna (wint.) late Sel. (B52-3516)	3516	227	9/5	9/16	about 10/13 V. tall & erect growth
1761	Texas Patna (wint.) Tall late (B52-3535)	3535	228	8/29	9/9	10/8 Tall & erect growth

ex program
Ltd, TPJ Rex.

no C.O. on 9/24 no tip arms & sl
earlier & more slender, otherwise
looks like 1757
Trace of C.O.

Also looks like N.Y.K. this one has
short tip arms.

Fuller grain than Rex or? no C.O.
Ltd. earlier than Rex or

1762	B52-3552, TP Sel (wint.) Short & Early	3552	8/17	8/26	9/28
		extremely erect	all negatively geotropic		on 8/
1763	B52-3557, TP Sel (wint.)	3557-59	8/27	9/11	10/10
		darker green and more spreading than regular TP.	short vegetative		on 9
1764	B52-4820 TP Sel (wint.)	4820	8/20	8/31	9/26
		extremely erect,			
1765	B324 B49-10, R x 5094	4825	8/26	9/6	
		panicles are rather short and run from south is light green than others.			
1766	B4545 A2-3-1-1, TP x Hill Med	4832	8/28	9/9	
		Leafy drooping leaves			
1767	B48-6420-1, Rexoro Sel	4816	8/25	9/5	9/26
		erect growth, tall			
1768	Boyt-6 Rexoro Sel	4817	8/31	9/14	
		Erect growth, short			

a very tall plot, typical T Patina

more of a Rexoro appearance when maturing
Good Rex for sistemity,

July 5 to C.O. Rather short straw. Not
as thin as 1762 but much shorter straw
V. uniform hit. Watch

These rows are shorter + more spreading growth
than T.P. watch
Kern rows but poor grain yield. C.O resistant
V. good straw, V: green straw Watch

Short straw but very long flag leaves
same as in other field plots,

Resistant to Ascospora: check for reaction
to Campbell Soup character. drooping
flag leaves,

Shorter straw than Rexoro

1769	B49-5849 Rexoro Sel	422 4818	8/28 Erect leaves	9/10	10/5	
1770	B4527A1-47, TP49 x Rex,	423 3452	8/26 Semi-erect leaves	9/8	10/1	
1771	B4545A2-1, TPx Hill Med	424 3776-78	8/16 long drooping leaves, erect cobs, Cent Patna	8/28	9/21	
1772	B4527A1-11, TP49 x R	425 3846	8/25 Erect leaf habit	9/8		
1773	B4527A1-20, TP49 x R	426 3850	8/26 mostly erect leaf habit	9/8		
1774	"	427 3850	8/28 semi drooping leaves	9/8		
1775	B4552A1-15, TPx R-7689	428 4841	8/25 Erect leaves	9/5	10/1	

Watch Sdg general appearance earlier than Rex

O. resistance; longest flops,
good Rixoso type, v. green straw
water

looks like 1879 but a better grain
than 1879 Water slow ripening

arrow, grub tall negligible S to C O does not
test, sample to convertor. Head out fair
[illegible] [illegible] [illegible] [illegible]

much like 1773 & 74 good
R to C O

R to C O

Taller than 1775 but is good
R to C O

very good Rex type, S to C O
better than 1774 kind to Convertor.
like Rixoso but shorter straw & earlier
very uniform, good straw but does look
like Rex.

1776	B4541A1-27, R-7689 × TP49	522	8/14	9/3	9/21
		3442	Shooting growth		
1777	"	523	8/14	9/3	9/21
		3441	like 1776		
1778		524	8/15	8/26	9/23
		4992			
1779	B49-508, Ca × R	525	8/14	8/24	9/23
		3624			
	(Some of 1940 also Some Ivan grown in Single F1 lots				
1780	B49-515, Ca × R	526	9/6	9/15	10/6
		3632	Erect flag leaves, whi		
			a V. bvg yellow med-gr.		
1781	Ca × R	527	9/18 V. Uniform	8/27	9/21
		3633	drooping flag leaves, tall,		
1782	B47-4980-3, Karong-Serang	528	9/6	9/16	10/15
		4859	Erect flag leaves, tall		

Same as 1776

and grain poorer, possibly a
mix of BR selection. V. good. Not tall

much like 1781 but straw hulls, and more
drooping straw. Appears much heavier
[illegible]

[illegible] but flags are all down when ripe
[illegible] tall. Smooth. V early threshed
violet ——— taller straw & flag

rough med-grain, poCO when ripe,
green flags; easier to thresh than Zenith
[illegible] than necessary. V. clean vegetation. V
promising.

[illegible] late, tall. v. large grain.

1783	B47-4980-5, Karang-Serang	622	8/21	9/4		
		4860 Erect flop leaves. tall				
1784	B47-4963-14, Karang-Serang	623	9/2	9/14		
		4861 Long, drooping flags, tall				
1785	B47-4980-3, Karang-Serang	624	9/2	9/14	10/10	
		3736-39 Erect flop leaves, tall				
1786	B51-4307 Awnless BBt 50	625	8/1			
1787	"	626	8/1	8/9		
1788	"	627	8/1	8/9		
1789	"	628	8/2	8/9		

Panicle Sels from 1952 Increase

½ tall.

Has very dense vegetative growth but not very tall

Fairly tall but v. sturdy straw.
Shorter stem than others
Grain about as large as original, smooth, plump & slender stem than original v. good.

1790	BSI-4307 Awnless BBTSO		722	8/1	8/9
1791	"		723	8/1	8/9
1792	"		724	8/1	8/9
1793	"		725	8/1	8/9
1794	"		726	8/1	8/9
1795	"		727	8/1	8/9
1796	"		728	8/1	8/9

Panicles from 1952 Increase Block.

17- Varieties, Sown for

281	Zenith	101 207 311 409			
282	Century Patna	102 113 313 405			
283	LaCross	103 208 305 413			
284	C.I. 5309	104 206 310 402			
285	C.I. 7132	105 212 306 412			
286	Bluebonnet	106 211 301 410			
287	Fortuna	107 203 303 408			
288	C.I. 8629	108 209 307 401			

Wallis.

289	C.I. 8427	109 201 314 404			
290	C.I. 8970	110 205 312 406			
291	Patriot	111 202 304 407			
292	Krasnodar	112 214 308 414		7/21 7/20	
293	Colusa	213 210 309 411			
294	Caloro	114 204 302 403			
295	R x Pr Lf.	7501 506 507 511			
296	Blue Rose	502 ~~504~~ 505 ~~507~~ 509 ~~511~~ 510			

much sterility, w. short stam

297	Rexoto	503 504 508 512

Smooth Zenith Lines

				Ntgram	
8801 HW		101	8/16	878	5268
8802 HW	Zenith	102	8/19	560	3360
8803 S		103	8/15	789	4734
8804 Zen		104	8/19		
8805 S		105	8/16		
8806 Zen		106	8/18		
8807		107	8/14		
8808 Zen		108	8/18		

8809	S	109	8/16			
8810 NW	Zen	110	8/18		426	2556
8811 NW	Cross with Zenith, acct grain type	111	8/15		920	5520
8812	Zen	112	8/18			
8813 NW		113	8/14		928	5568
8814	Zen	114	8/17		562	3372
8815	Crosswith Zenith	115	8/13			
8816	Zen	116	8/19			

Tickled v. neck, Hay fest.

appears to have made steam

8817		117	8/14			
8818	Zen	118	8/19			
8819		119	8/17			
8820	Zen	120	8/19			
8821		121	8/14		898	5388
8822	Zen	122	8/18		440	2640
8823		123	8/15			
8824	Zen	124	8/19			

8825		125	8/14		755	4530
8826	Zen	126	8/19		658	3948
8827		127	8/16			
8828	Zen	128	8/19			
8829		129	8/15			
8830	Zen	130	8/19			
8831		131	8/17		720	4320
8832	Zen	132	8/19		486	2916

8833		133	8/14			
8834	Zen	134	8/20			
8835		135	8/17	Coss with Zenith	418	2508
		Is quite typical				
8836	Zen	136	8/18		621	3726
8837		137	8/15		972	5832
	Cross with Zenith					
8838	Zen	138	8/18			
8839		139	8/15			
8840	Zen	140	8/18			

8841		141	8/17		612	3673
8842	Zen	142	8/19			
8843		143	8/16			
8844	Zen	144	8/18			
8845		145	8/15			
8846	Sel	201	8/15		779	4694
8847	Zen	205	8/19		566	3396
8848	like Lacus.	206	8/17		782	4692

[illegible] very about straw

8849	Zen	215	8/19		665	3990
8850		218	8/16		695	4170
8851	Zen	209	8/20		557	3342
8852	V. long nón	210	8/16		1033	6198
8853	Zen	211	8/19			
8854		212	8/14		996	5976
8855	Zen	213	8/19			
8856		214	8/13			

8857	Zen	8/20			
8858		8/15			
8859	Zen	8/18			
8860		8/18		547	3282
Hr	appears to be attendant	Crop with Zenith and Aden	a Typical	both	Zenith
8861	Zen	8/18		458	2748
Hr					
8862		8/14			
8863	Zen	8/20			
8864		8/15		929	5574
Hr	V. loaf	row, slow ripening			

8865	Zen	220	8/18		556	3336
8866			8/14		944	5664
8867	Zen		8/20			
8868			8/17			
8869	Zen		8/19			
8870			8/15			
8871	Zen		8/18			
8872			8/16		825	4950

8873	Zen 228	8/19			
8874	cross with	8/15 Zenith,			
8875	Zen	8/18			
8876	cross with Zenith, 2s gust typical of Zenith	8/17		738	4428
8877	Zen	8/18		640	3840
8878		8/16		977	5862
8879	Zen	8/19			
8880		8/16			

1	8881	Zen	236	8/19		526	3156
2	8882			8/14			
1	8883	Zen		8/17			
5	8884			8/15			
1	8885	Zen		8/18			
2	8886			8/13		1020	612
1	8887	Zen		8/17		493	295
3	8888			8/13		934	560

Hr

Hr

Hr

cross with Zenith one of mens best

Excellent row

1889	Zea	8/18			
1890	Selection 245	8/14			
1891	Selection 301	8/15		1122	673
1892	Zea	8/17		723	433
1893		8/17		770	463
1894	Zea	8/18			
1895		8/16			
1896	Zea	8/19			

41.6

8897	307	8/15			
8898	Zen	8/17			
8899		8/15			
8900	Zen	8/19			
8901		8/16			
8902	Zen	8/19			
8903	Cross with Z Smith	8/15		895	5370
8904	Zen	8/18		569	3414

8905	315	8/16			
8906	Zen	8/20			
8907		8/16		974	5844
8908	Zen	8/19			
8909		8/16			
8910	Zen	8/17			
8911		8/16			
8912	Zenith	8/18			

8913	323	9/11			
	Am Jeweler, Cross with Zenith				
8914	Zenith	8/19			
8915		8/15			
8916	Zenith	8/19			
8917		8/17			
8918	Zenith	8/20			
8919		8/15			
8920	Zenith	8/20			

8921	337	8/15			
8922	Zenith	8/17			
8923		8/15			
8924	Zenith	8/19			
8925		8/16		1005	6030
Hr	v. short row; wated				
8926	Zenith	8/18		630	3780
Hr					
8927		8/16		946	5676
Hr	Cross with	Zenith			
8928	Zenith	8/18			

8929		339	8/17		
8930	Zenith		8/18	478	2868
8931	Crossett		8/16 Zenith	1020	612
8932	Zenith		8/19		
8933	Excelsior Smooth Zenith		8/17		
8934	Zenith		8/16		
8935	Crso with Zenith	345	8/15		
8936	Selection V. Uniform shorter than Zenith	401	8/18	1059	635

8937	Zenith 402	8/19		722	4332
8938		8/16			
8939	Zenith	8/18			
8940	Cross with Zenith, acct V. tardy	8/13		933	5598
8941	Zenith	8/19			
8942		8/17		1040	6240
8943	Zenith	8/18		680	4080
8944		8/15			

8945	Zenith 410	8/18			
8946		8/13			
8947	Zenith	8/19			
8948	Cross with Zenith	8/13		857	5142
8949	Zenith	8/19			
8950		8/14		855	5130
8951	Zenith	8/18			
8952		8/17		1117	6702

8953	Zenith 418	8/20			
8954		8/13		916	5496
8955	Zenith	8/19			
8956		8/16		763	4578
8957	Zenith	8/19			
8958		8/16			
8959	Zenith	8/18			
8960		8/16 Cross with Zenith		946	5676

8969	Zenith 434	8/19			
8970		8/15		1010	6060
8971	Zenith	8/18			
8972		8/16			
8973	Zenith	8/17			
8974		8/15		776	4656
8975	Zenith	8/18			
8976		8/14			

8977	Zenith	442	8/17			
8978		443	8/14		834	5004
	Typical Zenith appearance, except darker & darker green color					
8979	Zenith	444	8/17			
8980	Selection	445	8/15		1188	7128
					no border	
8981	Selection	501	8/15			
8982	Zenith		8/19			
8983			8/17			
8984	Zenith		8/18			

8985	505	8/16			
8986	Zenith	8/19			
8987	Segr, rough ↓ smooth Cross smooth Pipe smooth Zenith	8/15			
8988	Zenith	8/17			
8989		8/15			
8990	Zenith	8/19			
8991	Cross smooth Zenith	8/16		820	4920
8992	Zenith	8/17			

8993	513	8/17				
		bad for W.T.				
8994	Zenith	8/18				
8995		8/15				
8996	Zenith	8/17				
8997		8/16			1004	6024
NW	good to cross with Zenith. V little earlier than Zenith. St talks V. zenith					
8998	Zenith	8/19				
8999		8/14				
9000	Zenith	8/19			697	4182
NW						

9001	521	8/17		808	4848
9002	Zenith	8/19			
9003		8/16			
9004	Zenith	8/19			
9005		8/15		814	4884
9006	Zenith	8/18			
9007		8/16		814	4884
	Has very short shaft				
9008	Zenith	8/19			

9009	529	8/20		719	4514
9010	2 emrh	8/19		687	4122
9011	an excellent 3 emrh, 2 glut,	8/16		856	5136
9012	2 emrh	8/17			
9013		8/19 WT = +			
9014	2 emrh	8/19 WT = +			
9015		8/16			
9016	2 emrh	8/19			

9017		537	8/20			
9018	Zenith		8/18			
9019			8/18		720	432
	good					
9020	Zenith		8/19			
9021			8/20			
9022	Zenith		8/19			
9023			8/19			
9024	Westinghouse Z		8/16			

9025 Selection 545 8/20

~~9026~~ The end

9027

9028

~~9029~~

9030

9031

9032

9033

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9035

9036

9037

9038

9039

9040

9041

9042

9043

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9045

9046

9047

9048

9049

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9051

9052

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9094

9095

9096

HO varieties are 17.15, 16, 17, 18, 19, 20 &
Harvest

~~1601 3rd row~~
~~1618 3rd row~~
~~1656 2nd 4th~~
~~1671 2nd row~~
~~1682 2nd 4th row~~
~~1692 2, 3rd 4th row~~
~~1695 3rd row~~
~~1697 4th row~~
~~1705 3rd 4th~~
~~1715 3rd row~~
~~1731 3rd 4th~~

cut 1/17

10

No
1764

Harvest HO rows

8231

Possible male skull now
1750 save skull plants (To greenhouse)

1734 for picture
1779 " "
1781 " "

North

1	~~1608~~	~~1751~~
		~~1752~~
		~~1753~~
		~~1754~~
		~~1756~~
		~~1757~~
2		~~1758~~
		~~1759~~
		~~1763~~
		~~1764~~
3		~~1765~~
		~~1767~~
		~~1769~~
	~~1724~~	~~1770~~
4	1	~~1771~~
		~~1772~~
		~~1775~~
	~~1729~~	~~1780~~
5	[redacted]	
	~~1736~~ (3rd R)	~~1781~~
	~~1733~~	
	~~1736~~	~~1785~~
6		
7		
	v Roth	1247 mth hv 10/7
		1111

1953

F. PLANTS

Crosses Made

F2 Populations

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

Irradiation Test

Salt Water Test

Cent × 2164 - 12 ✓
× Record ✓
× TP ✓

Record × 2164 ✓
TP × 2164 ✓

5094 × Cent ✓
" × 2164 - 12
" × BBt 50 ✓
"

TP dwarf × TP
130 × Century
× 2164 JUNE
× BBt 50
× TP 49

---

yellow BBt × BBt

HO 10 × BBt 50
× Cent
× T.P.

Smith 2 × Zenith

HO

2542 - prostrate hybrid

F1 PLANTS PAGE 1

CROSSES 20

SALT WATER 89

F1 plants (from greenhouse) 1

Crosses made 21 to

F2 Populations 50 to 77
5101 to 5322

Irradiated rice 77 to 80
5323 - 5364

Salt water test 89 to 92

AA x aa

Aa

F2 AA 2 Aa 1 aa

3A

4B smooth smith
lines to circle to smith

8811
15
35
no sd 37
not Hv 60 - 2sd
74
76
no sd 88 X

8903 X
13 X
27
31
33
3? ~~most half rough~~
40 X
48 ← no seed
60
98 ←
87
91 ← Hv, few seeds
97

Trifolia

266 - 270 } Cross to
112 - 119 } BRT 50
+ C.P.

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

8960 8888
8874 8948
8978 8991

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING

Manner_____

Date_____

Rate_____

16—53084-1

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk..... Osborn.....Sharp.

Harrow..... U Bar.....Good.

Seeder..... Monitor.....Good.

.....

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment..... .....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner..... .....Drilled.

Date..... .....4-27-'08.

Rate.....3 bushels per acre by weight.

U. S. GOVERNMENT PRINTING OFFICE 16—53084-1

PLANT NO.		♀	♂	52 POT NO.
1001 X	B5232A Hv 9/18	53	X CENT.	7224
1002 X	B5223A Hv 9/18	BKt50	X 2164	7229
1003	CENT. 231 ♂ B5232A Hv 9/18	not Cent ♀ parent		7225
1004	BKt50 ♀ parent ♂ B5223A Hv 9/18			7230
1005 X	B5233A Hv 9/18	53	X T.P.	7232
1006	53 Y.N. ♀ parent ♂ B5233A Hv 9/18			7233
1007	T.P. ♂ parent ♀ B5233A Hv 9/18			7234
1008	B5229A	CENT.	X 2139	7235

20 lbs 19/12 OK

Backcross Century

Backcross BBt

20 mst Aug. 2 this a B52-53 Cross
with late short study straw, straw limb
maybe TP x 53, later shorter than BBt50

Back cross TP
Possibly this is parent row

Probably cross 53 x TP, grey
later than BBt; longer grain than #53

I

1009	2137 ♂ parent of		B5223A	7236
	dies			
1010	B5231A O.K. shorter than BBt 50	BBt50 × 53		7237
1011	BBt 50 ♀ parent of		B5231A	7238
1012	53.Y.N. ♂ parent of later than BBt 50 maybe O.K.		B5231A	7239
	take 1006			
1013	B5234A highly sterile	BBt50 × SPI 180,160		7240
1014	♂ sterile type no seeds set on 9/18			7058
1015	SPI 180,161 died, no plant			7228
1016	B5216A no sterility v. early maturity	CENT. × CI 8150		7070

Backcross BB+50

1017	B 516 A no stability Hv 9/18	CENT. X CI. 815 D		7070
1018	not 7070			7070
1019	not Hv 11			7070
1020	B 515 A Hv 9/18	CENT. X B. M. T1		7069
1021	century point 4 BS 12A Hv 9/18			7066
1022	B 5116 A Hv 9/18	CENT. X Hall mk-BKt		7056
1023	B 5 120 A	dmp. BKt x Auburn		7052
1024	11			7052

B.C. to C.P.

B.C. to C.P.

Barossa

1025	B5120A	Imp. Bl. x Cuban			7057
1026	B5136A	TPi 49 x Cuban			7044
1027	"				7044
1028	"				7044
1029	B5111A	Cent x Cuban	Cent		7064
1030	"				7064
1031	"				7048
1032	"				7048

Backcross

Backcross Century

1033	B5111A	Cent x Cubon			7048
1034	"				7050
1035	"				7050
1036	"				7050
1037	"				7050
1038					7057
1039	B5134A	"BBt x B.Y.T.			7057
1040	"				7057

Backus BBt 50

1041	B5112A	BRt x Cuban				7060
1042	"					7060
1043	"					7061
1044	"					7061
1045	B5112A	BRt x Cuban plant # 2				7032
1046	"					7032
1049	"					7032
1048	"					7032

037 B5112A BBt x Cuban
not Hv 1049

037 " 1050
Hv 9/18

068 B5107A Unity (Hillcl-BBt) 1051

067 1052

045 ~~B5118A BBt x (Hillcl-BBt)~~
B5218A 1053
Hv 9/18 Shows rust

054 B5124A Zenith x SPI 180,060 1054
looks like Smith. Is this a cross Hv 9/18

051 B5119A BBt x Rex ck 1055
looks like BBt, 5th Co. prob
not a cross Hv 9/18

047 B5130A BBt x C.I. 6037 1056
B.C. BBt 50
Is a cross o.k. Prog 9/18
V. tall long panicles Shatters freely

	B 5130A	B.R.t. x C.I. 6030	7047
1057	Same as 1056		
	B 5129A	B.R.t. x C.I. 6218	7063
1058	much like 1056 altho the pods more curvy, weaker plant — V. tall Hv 9/18		
	"		7063
1059	like 1058		
	B 5121A	B.R. x Cuban	7065
1060			
	"		7065
1061			
	"		7065
1062			
	"		7065
1063			
	"		7065
1064			

289	Bkt.	Parent material from Tucker		1065
289	"			1066
289	"			1067
289	"			1068
7033	BS-123A	Dwpr. Bkt X SPI	180,060	1069
11/9/18	V. early maturity, mostly fertile, possibly more sterility than average			
7033	"			1070
7035	BS-131A	BBt X C.I. 6011		1071
	Some sterility only			
7035	"			1072
	Some sterility			
	11/19			

1073	C.P. 231 parent material			7282
	"			
1074	"			7282
1075	"			7282
1076	B5-11A Cent x Zenith			2034
1077	"			2034
1078	Zenith parent material			7206
1079	"			7206
1080	"			7206

085	Cont. 231	Report of B5711A				1081
	Rv 9/18					
085						1082
085						1083
288	BB+50 from Todd	Forest material				1084
	Used in Crosses				Rv 9/18	
288	"					1085
288	"					1086
						1087
						1088

8

1089

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1100

1101

1102

1103

1104

Greenhouse, 1954,

F1 plants from 1953 Crosses

		No Seeds planted			
1, 6	B536A	2 (1)	BBt 50 x	F1	
8 x 1	B538A Poorly filled grains	3 (1)	BBt 50 x	GF 509	
9 x	B539A	5 (3)		11	
10+11 3	B5310A } B5311A }	2 (2)	BBt 50	x ✓	✓
12	B5312A	3 (3)	BBt 50	XTP	
1 13	B5313A	1 (1)	BBt 50 x	Rex	
16	B5316A	3 (3)	B4512A1-32		
17	B5317A	1 (1)		11	

Sown February 4, 1954
seed treated with Arasan

F2 P.P

lot 1d

BBt x B4512A)

GH

(BBt 50 x B455A1-25)

GH

GH

F. P.

1=4/20
1=3/
1=5/

GH

Rep 80

GH

19	B5319A	1 (1)	CP 231	X	CL-897
20	B5320A	3 (3)	CP-231	X	TP
22	B5322A	1 (2) ?	CP 231 X		Ho-
24	B5324A	3 (3)	CP	231	X
26 X	B5326A	1 (1)		11	
28	B5328A	1 (1)		1	X
30	B5330A	11 (10+)	BBT-50		X
31	B5331A	10 (9)	BBT-50		X

F_2 POP

✓ GH

✓ GH

0-1-1-1 ✓ GH

B45 45A 2-1 ✓

F_1 (B51.5A (CPxT-1))

F_1, B516A (CPxCI-8150) ✓

Reverse GH
(Same as 53.3A)

HO-10-1-1-1 ✓ G.H.

53-1517

33	B5333A	3 (2)	CP-231		X
34	B5334A	2 (2)	"		X
35	B5335A	8 (7)	BBB 50		X
36	B5336A	5 (4)	"		X
37	B5337A	10 (9)	B 40.30 A3-13		X
38	B5338A	15 (11)	B 40.30 A 3-13		
39	B5339A	14	TP dwarf		X
40	B5340A had been eaten by insects in field	15 (4)	" mostly two grains		X

1st Ad

		F2 Pop.	
H0-341-1-1-1.		✓	GH
B 4030A3-13		✓	G.H.
H0-341-1-1-1		✓	G.H.
4030A3-13 ✓			G.H.
B[illegible]50			
(2164) B4512A1-32.		✓ 4/22	GH
CP231			GH
Texas Patno			GH

Sown Very late

42	B5342A	2 (2)	Smooth Zenith		
43	B5343A	12		12	
59	Rexoo (59)	12			
✓	Century P 221 B5333A	12			
✓	Century Patua B5339A	12			
✓	Zenith (6)				
✓	C.F. 5094 B539A.				
✓	Texaco Patua B5340A				

		1st hd	F_2 P_0 P.	
8860)	x Zenith		✓	GH
8991)	x Zenith		✓	GH
4512A1-20		4/20		

B4030A3-13.
4B5337A

J Patna Dwarf (130)

PI -

Todd - 172

8180

Introductions

B4512A

BBt50

Row #1

53	5035	✓	SLO	17
	5034	✓	SLO	17
✓	1517			
✓	1511			
	5032 or 33	✓	GRH-13	T829
	5026	MTU-1	✓	
	5025	MTU-1	✓	
	5009	none	SR26-B	
✓	961			
✓	907	none		
	33			
	5006	✓	GEB2X	
	5027	✓	BRT50	
	502✓	✓	GRH13	
✓	970			
	962			
✓	964			

✓	1212	
	5029	✓ CRH7
	5030	✓ CRH7
✓	1225	
	??	
✓	927	
	5038	✓ CO19
✓	1221	
	5037	CO19
✓	3485	
✓	949	
	Cuban Zapata Bazan	
	983	
✓	972	
✓	1219	
	963	
	966	

5017 C025

Unknown No1

Blank space

Unknown No2

✓ 981

1918

Row #2

B5326A1 2 plants		
B4512A, ✓		
B4512A ✓	"	
B4512A ✓		
B4512A ✓		
B5316A 1.	panicles for cross	
B5316A 2	"	
B5316A 3	"	
B5338A1	panicle for crossing	
B5338A2		
B5338A3		
B5338A4		
B5338A5		
B5338A6		
B5338A7		
B5338A8		
B5338A9		

51

Row #2 (continued)

	B5319A1	Panels for crowns			
	B5317A1	Pan for crowns			
	5368?	maybe 5368 or 63			
✓	53-1521				
	53-1516				
✓	53-979				
	53-5018	CO25			
✓	53-978				
✓	53-1216				
✓	53-1217				
	53-1213				
✓	53-1211				
	53-1546	purple plant			
✓	53-1515				
✓	53.996				
	??				
✓	53-973				

Row # 2.

B5333A1

B5336A4, no plants

B5336A1 one ink plant

B5336A3, 2 pl

B5336A2 none

B5334A1 3 pl

B5334A2 one ink pl

96-1 one plant

med. Red one pl.

B5320A1 One pl. (removed g.h. 10-15)

B5342A2 2 pl

B5320A2 none

? one plant

B5331A2 4 pl

B5331A4 3 pl gord for cross.

B5331A3 3 pl gord for Cross

B5331A1

Row #2 Continued			
B5342A1			
B5343A4	3 pl grad to cmo		
	no pl.		
Cent-4	not Cent p mk 5343A		
B5343A1.			
	no pl		
B5343A-8	none		
Cent 8.	none		
B5324A2			
	one mk pl		
B5324A1	none		
B5324A3	none		
Centum 1	none		
B5322A1	none		
B5322A2	none		
B5335A3			
	2 pl		
B5335A4			
	2 mk pl		
B5335A2	none		
B5335A1	none		
B5335AI		moved to greenhouse	
	1 pl	10-1-54	

Row 3 cont

century 6

cent 7

cent 8

cent 9

Row 4

Shot Red				
B5312A2	wk pl			
B5312A1	wk pl			
B5313A1	OK.	moved to g. h. 10-1-54		
B5312A3	wk pl.			
B5340A-4	wk pl.	moved to g. h. 10-1-54		
B536A	wk pl			
B5339A8	none			
B5339A4	one pl			
B5339A3	one wk pl			
B5339A1	none			
B5339A7	none			
B5339A6	none			
B5339A5	one wk pl			
B6339A3	OK			
B5337A8	none			
B5337A3	none			

B5337A5, one pl

B5337A7 none ✓

B5337A6 2 pl

B5337A2 none

B5328A1 none

F Col x Cuth (Open hand 10-1-5

F, Calow x Minuta

O. cubensis PI 15,595

O. minuta, PI 125,257

Unknown #3

Study from Adm

O. officinales PI 124,393.

130 Dw TP none

B5330A, mk A

B5340A1

B5340A3

B5340A2

B5310+11A1

B5310+11A2

	CROSS NO.	DATE	ROW NO.	♀ PARENT	
✓	B531A	8-3	H.R.	BBt50	X
✓	B532A	8-7	H.R.	BBt50	X
✓	B533A	8-7	H.R.	BBt50	X
✓	B534A	8-8	H.R	BBt50	X
✓	B535A	8-8	H.R	BBt50	X
✓	B536A	8-8	H.R.	BBt50	X
✓	B537A	8-8	H.R.	BBt50	X
✓	B538A	8-12	A.D.S	BBt50	X
✓	B539A	8-12	A.D.S. 172C	BBt50	X
✓	B5310A	8-12	ADS	BBt50	X
✓	B5311A	8-12	172C	BBt50	X
✓	B5312A	8-13	172C	BBt50	X
✓	B5313A	8-13	172C	BBt50	X
X	B5314A	8-13	172C	BBt50	X
X	B5315A	8-13	172C	BBt50	X
✓	B5316A	8-13	184C	Hill ad BBt	X
✓	B5317A	8-13	184C	Hill ad BBt	X
X	B5318A	8-14	2040	C.P.	X
✓	B5319A	8-14	2040	C.P	X
✓	B5320A	8-14	2040	C.P	X

ROW NO.	♂ Parent	SEED SET.	HARV.		
1002	BBTSO 53Y.N.	3	3/1 3	1st B.C. to BBTSO grow in Green- house 53 pl. T2 Field 54	
1002	"	0	—		
1002	"	0	—		
1010	BBTSO 53Y.N.	0	—		
JUNE	C.I 5094	0	—		
5185	F2 BS118A-4 BBT X 4512A1-2	2	2/1 2	B.C. earliest to BBTSO grow in Green- house 1953	
5185	F2 BS118A-4	0	—		
88	5094	4	4		
88	5094	5	5		
1010	BBBSO 53	1	1		
1010	BBTSO 53	1	1		
149C	T.P.	3	3		
152D	REXORO	1	1		
152D	REXORO	1	—		
J.D.S	8990	0	—		
149C	T.P.	2	1		
152D	REXORO	1	1		
88	5094	0	—		
J.D.S	8990	1	1		
149D	T.P.	3	3		

	CROSS NO	DATE	ROW NO:	Q PARENT	no seeds
✓	B5321A	8-14	2040	C.P.	
✓	B5322A	8-15	2040	C.P.	
✓	B5323A	8-15	2040	C.P.	
✓	B5324A	8-17	2480	C.P.	
✓	B5325A	8-17	2480	C.P.	
✓	B5326A	8-17	2480	C.P.	
✓	B5327A	8-17	2480	C.P	
✓	B5328A	8-17	2480	C.P.	
✓	B5329A	8-19	1084	BBTSO	
✓	B5330A	8-19	1084	BBTSO	
✓	B5331A	8-19	1084	BBTSO	
✓	B5332A	8-19	1084	BBTSO	
✓	B5333A	9/16		CP	
✓	B5334A	9/16		CP	
✓	B5335A	9/16		BBA-SO	
✓	B5336A	9/16		BBTSO	
✓	B5337A	9/17		B4030A	8-13
✓	B5338A	9/17		B4030A	8-13
✓	B5339A	9/5?	130	TP Dwarf	
✓	B5340A	9/5?	130	"	
✓	B5341A B5342A	9/5	130 8860	" Smooth	Jewett

ROW NO	♂ PARENT	SEED SET	HARV.	
152D	REYORO	1	0	
172 H.O.	H.O.	0	1	
172	H.O	0	0	
1771	T.P.-Hill	0	2	
1020	C.P.×B22	0	0	B.C.
1020	C.P.×B22	0	1	
1019	C.P. / CI8150	0	0	
1619	C.P. / CI8150	0	1	
1056	B850-CI 6037	no seed	Rusted	
152C	Rx ov	OK	11	
172	H.O-10	OK	10	
172	H.O-40	OK		
Term 83)	HO-341 (8180?)		3	10/3 ✓
	B4530A		2	10/3 ✓
	HO (8180?)		8	✓
	B4530A		5	✓
	B850		36	10/3 ✓
12 north Sherman Rd dots	B4512A-20		15	10/3 ✓
	CP			✓ OK
131	T.P	maybe some selfs.		✓ OK
131	T.P. Zenith		2	✓ DH ✓

SS

Additional crosses in stock greenhouse 1952-53 of book page 145 (7000 series)

Plants moved to greenhouse from Field fall of 1954

1. B5320A1 C.P. x T.P.
2. B5316A1 (B4512A1-32) x T.P.
3. B5340A4 T.P. Dwarf x T.P.
4. B5312A-2 BBt50 x T.P.
5. B5313A1 BBt50 x Rexdale
6. B5335A5 BBt50 x H.O. 341
7. COLOSA x O. CUBENSIS

F2 Populations

5001	B511A1	Century	x Zenith	
5002	"			
5003	"			
5004	"			
5005	"			
5006	B515A1. 5 may be Cent	Century	XPI-184,812 PI 180,060	
	1st head 8/9 Early cola harvested 9/3			
5007				
5008				

,T-1)

5109	B515A1 Early sel. harvested 9/5				
5110	B515A2 1st head 9/9 Sels have 9/5 rankes	Century	x		
5111					
5112					
5113					
5114	B516A1 F, straw, rough 1st head 9/10	Century	x	C.F. 8150 gold	
5115	B517A1 1st head 8/8 Some rankes on 9/5	Century	x	(Hill Sel x BBt) (B4510A 1-77)	
5116	B517A2 9/10 Somewhat rankes on 9/5	"			

0

less lofty stems than 515A Cross, stamens
ower, shorter

very short sturdy types & very early.

5117	B517A2,	Century	x (Hill Sel. x BB)		
	Harvested earlies on 9/6/53				
5118	"		"		
	B517A3, 8/5	"	"	"	
5119	Harvested early sels 9/5/53 One of most prominent coarses; stout stems and some v. long heads.				
5120	"				
5121	"				
5122	"				
5123	"				
5124	"				

This Cross 5174 is showing better plant types than other Cent x Hud-B/S0 Crosses.

5125	B517A3, Century x (Hill Sel x BE
5126	"
5127	"
5128	B511A1 Century x Zapalote Braya Slat bed 8/12 Very few ripe heads on 21-153 but cut a few panicles,
5129	
5130	
5131	
5132	

(Bayan Bayan sa Cubao)

5133	BS111A1, Century x Cuban
5134	
5135	
5136	
5137	
5138	
5139	
5140	

5141 B5111A1, Century x Cuban

5142

5143

5144

5145

5146

5147

5148

Start here

5149 B 5112A BBt × Zapalote Boyo

1st Heed 8/12
Practically no ripe panicles on 9/7
Some a few (6-7)

5150 " This Grass has many sturdy strawed plants of comparatively short stem as compared with Cent/x Cubo.

5151 " Pronounced

Sels Dr 11/10/53

5152 "

5153 "

5154 "

5155 "

5156 "

5157	"				
5158	"				
5159	"				
5160	"				
5161	"				
5162	"				
5163	"				
5164	B 5116A-1 Cent		x Hill sel - BBt (B45-13A1 - 23)		

1st head about 8/1 (check)

5165	B5116A-1	Cent x Hillel-BBt Saved selo (earlies) 9/5/54 and 9/1/53
5166	B5116A-2	Cent x Hillel-BBt Selo Hv 9/1/53
5167	"	
5168	"	
5169	B5116A-3	Homozygous early selo 9/1/53
5170	"	
5171	"	
5172	B5116A-4	Saved early selo 9/5/53

This cross is all gold & segr. Rough & smooth
Semi-med-gr. types present
Hil x B St parent throwing med-gr types.

5173 B5116A-4

5174 B5117A-1 Cent × Hillsel-Bkt
1st head about 8/1 (clubs) (B4512A1-32)
Saved early subs 9/5/53 and 9/1/53

5175 "

5176 "

5177 B5117A-2
Saved earlies 9/5

5178 "

5179 B5118A-1 Bkt × Hillsel-Bkt
1st head about 8/4 (B4512A1-32)
Pollinated earlies 9/5

5180 "

			1st H.		
5181	B 5118A-2	Hr earlier 9/5/53 (all mo)			
5182	"				
5183	B5-118A-3				
5184	"	Hr earlier 9/5/53			
5185	B5118A-4		8/8	B.C. tt	
5186	"	Hr earlier 9/5/53			
5187	"				
5188	B5119A-1	Found 4 early pods may be mixtures rather than segregates Population appears very uniform and is probably BBt so	BBt x Rexpeck		

BBT50 Rough plat

5189 B5119A-1 BBt x Rexoak

5190

5191

5192

5193 B5120A-1 Imp. BBt x Zayas Boyan

5194 B5121A-1 Bl. Rose x Zayas Boyan

5195 B5121A-2

5196 B5123A-1 Imp. Bbt x SPI 180,060
1st check 8/6

Correct readings on 9/5
Only a few more repeat this time

10

5197 B5123A-1

Saved cattis 9/5/53

5198 "

5199 "

5200 "

5201 "

5202 "

5203 B5123A-2 Imp. BBt x SPI 180,060

Silo harvested 9/1/53

5204 "

5205	B5123A-2					
5206	"					
5207	"					
5208	"					
5209	B5123A-3					
5210	"					
5211	"					
5212	B5123A4	dmpBEt X SPI 189060				

5213	B5123A 4		
5214	"		
5215	"		
5216	B5-123A5	Imp. Bbt X SPI 180,060	
5217	"		
5218	"		
5219	B5-123A6	Imp. Bbt X SPI 189,06[illegible]	
5220	"		

5221	B5123A6				
5222	B5123A7	Imp BBt x SPI 180,060			
5223	"				
5224	"				
5225	"				
5226	"				
5227	B5124A1	Zenith x SPI 180,06			
	... Prot Zenith x SPI 180,060 but prob a cross between Zenith and a smooth gold med-grain like Bill x Z sel B45-15-5-				
5228	"				

wd gla. 2s sgr rought smooth, straw

5228	B5124A1		
5230	"		
5231	"		
5232	"		
5233	B5124A2	Zenith x SA1 180,060	
5234	"		
5235	"		
5236	B5128A1	(B46-2637) Hill-medium red x (B45-1521-8)	

not a cross; 2 pure 2 impure

5237	B5128A1				
5238	B5128A2	Hitl mesh sel. B45-15-1-8-2-1			X
5239	〃				
5240	B5128A3				
5241	〃				
5242	〃				
5243	〃				
5244	〃				

5245	B5128A4				
5246	B5129A1	Bbt	×	C.I.	6018
5247	"				
5248	"				
5249	"				
5250	"				
5251	B-129A2				
5252	"				

5253	8/12	"	
5254		"	
5255	B5129A3	red	may be cross with Bel x Red B48-3555-1-4 inbred 6018
5256		"	
5257	B5129A4		
5258		"	
5259		"	
5260	B5-130A1	BBA x C.I. 6039	8/12

5261	B5130A1			
5262	8/12 "			
5263	"			
5264	"			
5265	"			
5266	"			
5267	"			
5268	B5131A1	Bkt	x	6011 stud

5269	B5131A1	BBt	X6011	
5270	8/12 "			
5271	"			
5272	B5131A2			
5273	"			
5274	B5131A3			
5275	8/8 "			
5276	8/9 "			

5277	B5131A3
5278	B5131A4
5279	〃
5280	〃
5281	B5131A5 a/a
5282	〃
5283	B5131A6
5284	〃

5285	B5131A6	
5286	B5132A1	BBt X Hilbgel x Revark (B459A3 (not Hill x Revark)
5287	"	
5288	"	
5289	"	
5290	"	
5291	B5132A2	
5292	"	

8/8

5293	"		
5294	B 438A	Heddleston sample from row 29 normal + stretch	
5295	"		
5296	"		
5297	"		
5298	"		
5299	"		
5300	Berlin	some real in sample	2269

This row has several completely sterile plant with flowers standing open, also, such dwarf plants on which grains are also developed.

5301 Cent 231 dwarf 7213

302 Cent 231 dwarf 7046

5303 SPI 180, 161 7228
90 day. Gold
8/11

5304 B5223A1 (2164 x B[illegible]50) 7229
8/12 845 2A1-32
Harvested early sels 9/1/53

5305 8/10 A2 ✓

306 8/12 A3 ✓
Seat plant in row (end) is a plentiful
semi dwarfed type (Sure
Harvested early sels 9/1/53

307 8/13 A4 ✓

Early sels how. 9/1/53

308 8/14 A5 ✓
Harvested early sels 9/1/53

1st head 7/31/53

Harvested Vegetable plants 9/1/53

5309	B5227A1	(CP231 X	2137)	7234		
	8/14 all rough appearance to be		(B4513A1-23) 2137 Parent			
5310	8/4	A2	"		✓	
	2 g Cross Sandwichest plants on 9/1/53					
5311	8/12	A3	"		✓	
	Not a cross to 2137 Parent					
5312	B5231A1,	B[illegible]50 x 4555A1-25		7237		
5313		A2				
5314		A3				
5315		A4				
5316	B5232A1,	B4555A1-25 x Cent		7224		
	O.K					

5317 A2 ✓
2s Probably a row of Centaurea
no crossed plant

5318 B5233A1 B455A1-25 x T.P. 223-2
Prot O.K. Late plants present.

5319 B5234A1
a med-grn row ? 11/10

5320 A2
a med-gr row ?

5321 B5136A T.P.49 Y Cuban
T O.K.

5322 " O.K.

5323 C.P. 231 H.R. Check
Y2

5324 " "

X, generation of seeds
many thermal neutrons an
time and intensity, respectively

25 5325	〃			
5326	C.P. 231	225-1 F 91		
	15 hr Apt 16			
5327 X	〃			
5328	〃			
5329	C.P. 231	226-1 F 83		
	20 hr.			
5330 X	〃			
5331	〃			
5332	C.P. 231	15,000 R	5 D	

irradiated by Brookhaven Lab

X Rays for different lengths of

	11			5333
	11			5334
C.P. 231		20,000 R	517	5335
	11			5336
	11			5337
C.P. 231		25,000 R	516	5338
	11			5339
	11			5340

little damage

slight damage

rather severe

5341 C.P. 231 25 lb 3225-1 F 9

most sunscald; V. few plants

5342 X "

5343 not grown in 1954 "

5344 BR 50 + R Check

5345 X "

5346 "

5347 BR 50 M.R. 3225-2 F 91

15 lb gut 16

5348 X "

slight damage

" 5349

Bkt 50. H.R 7226-2
20 hr. F33 5350

" Guebriasure X 5351

" 5352

Bkt 50 H.R.
15,000 R 5353

" with damage X 5354

" 5355

Bkt 50. H. R
20,000 R 5356

87

5357 X "

5358 " with damage

5359 BRT50 H.R 25,000 R

5360 X "

5361 " Yellowness

5362 BRT50 25 hr 229-2 = 49

5363 " all seed down

5364 " most leaves, 1 plant

5365

Planted May 25, 1953
flushed clear on 25th
Test July 7, 1953
32-40-0
500 grain per plot

SALT WATER

1/3 x 6 x 40 = 80 cu ft.

1 gal = .1337 cu ft

80 / .1337 = 600 gal

1 grain = .0648 grams

200

12.96 = 13 grains per gal for 200 grain

(13) 600 = 7800 grains

7800 / 454 = 17.2 # / plot for Nacl for 4" flood

SALT TOLERANT TEST
1953

N

TANK

NO 1	NO 2	NO 3	NO 4	NO 5	NO. 6
CUBAN					
LUBAN					
B.R					
B.R					
GEB24					
GEB24					
Ayb. maj					
Ayb. maj					
SR26B					
SR26B					
Zenith					
Zenith					
HTU 15					
HTU 15					
Colrow					
Colrow					
CO25			Vic Green Soy CO25 is resistant to Blast.		
CO25					
T. P.					
T. P.					
CRH 13	C. P. X Cuban F2 Population	BBA X Cuban F2 Population			
CRH 13					
C.P. 231					
C.P. 231					
HTU 1					
HTU 1					
BBT 50					
BBT 50					
CRH 9					
CRH 9					
CRH 13	B511A	B512A			
CRH 13					
T 829					
T 829					
SLO 19					
SLO 19					
CO 19					
CO 19					

140 Pl.

88 SALT TOLERANT TES
1953

5001	Cuban
5002	Cuban
5003	Blue Rock
5004	Blue Rock
5005	GEB 24 ✓
5006	GEB 24
5007	hybrid mix
5008	hybrid mix

✓ SR 26B		5009
✓ SR 26B		5010
Zenith		5011
Zenith		5012
MTU 15	Mark	5013
MTU 15		5014
Colour		5015
Colour		5016

5017	✓	C025	Vice Pres. Thru to Resident Engr. to Blank, 10/28
5018		C025	✓
5019		Texon Petna	
5020		Texon Petna	
5021	✓	CRH13	
5022		CRH13	✓
5023		C.P. 231	
5024		C.P. 231	

MTU 1	5025
MTU 1	5026
BBT 50	5027
BBT 50	5028
CRH 2	5029
CRH 2	5030
CRH 3	5031
CRH 3	5032

5033	T 829 .? ?
5034	T829
5035	SLO17
5036	SLO 17
5037	C019
5038	C019
5039	
5040	

Salt applied

7-26-53 100 grains
8.6 ℔/plot

7-27-53 100 grains
8.6 ℔/plot

8-12-53 - plant in host
with C.P.X. Lenbow F2
pop. Plots dug on
this date.
100 grains 8.6 ℔/plot
applied

JORGE A. MADAMBA

Gen. agricultural

Research Station

Bogor, Indonesia.

woodward, otter.

picture & six seeding

picture photo for air &

" combine cutting rice

2001 -6 = 9/24

2041 = 9/28

2049-51 8/1

54
55
56
57
58 } 8/1

62 8/1

2143 9/29

Hr 8980 Sm Zenith.

20 Quiet hunt

Try to Cross 1014 9/18/53

18
36
54
72
90

412 Field Plot

(Bkt 50 x Recov) x Bkt 50
F1
(Bkt 50 x T.P.) x Bkt 50

1953

YIELD NURSERY

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

SINGLE

FIELD PLOTS

Use C-6 drawing pen to make out books

D-5 pen for variety numbers on tags an B-6 for other information on tags

Todd check (125) for mt Top (Hillside x T Px R-S B.C.)
(111)

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and Agricultural Engineering,

Division of Cotton and Other Fiber Crops and Diseases

Washington 25, D. C.

16—61780-1

Cross 94 with Cinturg it al and Stoneystraw

(347)

Guneka 113 x 119 (Ca x Rx

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (*a*) Methods (*b*) Dates
5. Size of plot:
   (*a*) Area in square feet (*b*) Number of rows
   (*c*) Length of rows (*d*) Width of rows
6. Fertilizer: (*a*) Pounds per acre
   (*b*) Analysis (N–P–K) (*c*) Time of application
   (*d*) Method of application (*e*) Side dressings
7. Planting: (*a*) Date (*b*) Rate (*c*) Method
8. Thinning: (*a*) Date (*b*) Method (*c*) Approximate optimum spacing attempted
9. Cultivation: (*a*) Implements used (*b*) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
   (*a*) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35–7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
   (*b*) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

U. S. GOVERNMENT PRINTING OFFICE 16—61780-1

Lodging in 4th rep was on a lightly [illegible] plot, possibly remains of shrub[illegible]

Sown April 9

Group I. Early maturing short and medium-

			1st head	Date 50% head	50% ripe	Plant (in.)
	Colusa	101	7/12	7/20	8/20	47
1	C.I. 1600	(13) 206				
		311		medium-grain mostly		
		410	present, Watch			
			7/12		8/20 (133)	47.
	Cody	102	7/10	7/22	8/19	45
2	C.I. 8342	(3) 211				
		305				
		407				
			7/10		8/19 (132)	45.
	Early Prolific	103	7/16	7/29	8/24	55
3	C.I. 5883	(9) 204				
		302				
		414				
			7/16		8/24 (137)	55
	Lacross	104	7/15	7/30	9/24	52
4		(10) 209				
		303				
		408				
			7/15		9/24 (137)	52
	Magnolia	105	7/15	7/25	8/20	50
5	C.I. 8318	(12) 213				
		309				
		411				
			7/15		8/20 (133)	50

	Ho	CO	
	5	3	A
			B
	4	5	C
			D
	4-5	3-5	
	6	1	
	7	1	
	6-7	1	
	4	5	
	6	5-6	
	4-6	5-6	
	7	1	
	6	3-4	
	6-7	1-4	
	4	6	
	5	7	
	4-5	6-7	

more drooping stem Type th
Cobyd sl, taller, a very good pl
Lodged in 2nd

Stemless than Alsea, large
leaf spots, a few stemless head
many stemless headed in 2nd

Too tall, a few stemless hea
very few stemless in 2nd

a number stemless heads, large
leaf spots, green stem
many partially stemless in 2nd

		lbs	Spla
7-1	700		
	755		
	569		
	566		
	2590	3885	24.0
	629		
	609		
	698		
	600		
	2536	3804	23.5
	636		
	594		
	665		
	502		
	2397	3596	22.2
	441		
	372		
	441		
	458		
	1712	2568	15.9
	608		
	616		
	582		
	516		
	2322	3483	21.5

Zenith		106	7/17	7/27	8/21	52
6 C.I.7787	(4)	207				
		301				
		413				
			7/17		8/21 (134)	52
B4310A1-20,		107	7/15	7/26	8/23	48
7 (SmBR-BR41 × BR41-EP)	(11)	214				
		313				
		402				
			7/15		8/23	48
B45-15-1-3,		108	7/14	7/28	8/20	50
8 Hill × Zenith		205				
	(14)	307				
		401				
			7/14		8/20	50
42C 403-103		109	7/12	7/21	8/18	47
9 Mag × 250-3	(1)	201				
		308				
		404				
			7/12		8/18	47
44C 471-4087		110	7/16	7/23	8/18	46
10 (2-20-26 × 2-28-14) × Mag	Crowley	210				
		314				
		409				
			7/16		8/18	46

	0	10	C0
	5	5	5
	5-6	6	5-6
0	5-6	5-6	5-6
	1-2	5-6	1-2
	1-2	6	1-2
0	1-2	5-6	1-2
	1	6	1
	1	6	1
0	1	6	1
	5	4	5
	4	5	4
	20		
0	0-20 4-5	4-5	4-5
	7	4	7
	7	5	7
0	7	4-5	7

Taller than Neg. & appears heavier; heads better filled and more; a few sterile in 2nds

many sterile heads, not typical straight heads; glumes are discolored in sterile types

Shorter than others on 6/8
Desc, acct sterility. 2 very bad 7/10
glumes not discolored in sterile types
Highly sterile

Spare panicles, (ant)
many sterile types desc
Is like Neg. in this respect
many shrunken grains
dead tips at base

Spare panicles (ant)
less sterility than #9 ant
has spare panicles
not as many dead basal leaves
as No 9

651			
571			
711			
469			
2402	3603	22.2	
485			
563			
432			
532			
2012	3018	18.6	
357			
435			
387			
486			
1665	2498	15.4	
499			
431			
429			
420			
1779	2669	16.5	
449			
435			
530			
491			
1905	2858	17.6	

NP x D 11	44C507-4052, R-P.Lf x Mag (7) Bud Crowley Team	111	7/12	7/22	8/18	4
		212				
		306				
		406				
			7/12		8/18 (131)	4
12	44C496, 253-6-2 x 322A6-23 Crowley	112	7/18	7/29	8/20	4
		208				
		312				
		403				
			7/18		8/20	4
13	44C570- 250-129 x Frag-Fort Crowley	113	7/14	7/26	8/18	4
		202				
		310				
		405				
			7/14		8/18	4
14	44C516-4090, LaCrosse x Mag Crowley	114	7/3	7/16	8/13	4
		203				
		304				
		412				
			7/3		8/13	4

		H₂O	CO
		6	7
	6-7	3-4	6-7
0	6-7	3-6	6-7
	5-6	4-5	5-6
	5	3-4	5
75			
0-75	5-6	3-5	5-6
1M	4	5	4
0			
1M	4	6	4
30			
T-30	4	5-6	4
	4	4	1
	4	6	1
2M			
T	4	6-7	1

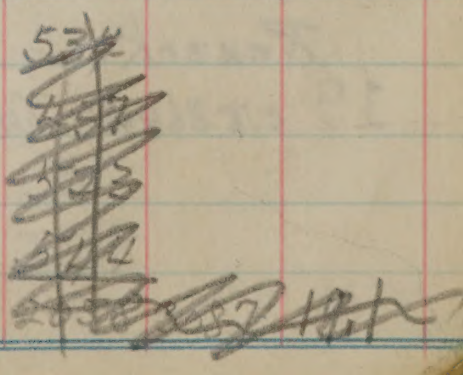
Rather wide leaves, Hog plot
Prob the best looking, new Smooth and qu
considerable CO,
Many stunted heads in Seed

Has V. wide leaves, like Lacon
V. green neg when sprd
clean for. H.O. Is too
tall + too leafy

Large stems, + too leafy
Beginning to lodge
on 8/24. Has many
leaves, a few stunted in
Seed

Shortest + earliest in group,
Has many grey stems when
cut, a few stunted
heads, Leaves appearance
appear to be somewhat powdery
filled grained

698			
537			
619			
613			
2467	3701	22.8	
420			
392			
426			
460			
1698	2547	15.7	
466			
450			
462			
375			
1753	2630	16.2	
472			
374			
369			
373			
1588	2382	14.7	



Group II, Early maturing long-grain varieties.

15	Zenith		115	7/17	7/27	8/20	51
	C.I. 7787	(30)	220				
			317				
			426				
				7/17		8/20	51
16	Prelude		116	7/14	7/30	8/25	58
	C.I. 8311	(34)	219	Segr. Mat'l			
			324				
			424				
				7/14		8/25	58
17	Century Patna 231		117	7/18	7/27	9/23	49
		(31)	217				
			325				
			419				
				7/18		8/23 (136)	49
18	Century-52		118	7/24	8/4	8/26	50
		(57½)	215				
			320				
			428				
				7/24		8/26	50
	Rexark		119	7/26	8/4	9/2	52
19	C.I. 8644	(40)	221				
			323				
			421				
				7/26		9/2 (146)	52

	XO	HO	CO	
	3-4	6	3-4	
	5	6	5	
0	3-5	6	3-5	
	7	5	7	
	6	6	6	
0	6-7	5-6	6-7	
	2	5	2	
	2	6	2	
0	2	5-6	2	
	3	4	3	
	2	4-5	2	
0	2-3	4-5	2-3	
	6-7	4	6-7	
	6	4	6	
0	6-7	4	6-7	

V. good plot, very few stunted heads.

Too tall, some stunted heads.

A number stunted heads, not as good as usual. many stunted heads in plot

very little later than Cent 231, probably more stunted heads.

good plot. later than Cent 52

537			
457			
523			
544			
2058	3087	19.1	
302			
425			
344			
389			
1460	2190	13.5	
376			
447			
341			
221			
1385	2078	12.8	
294			
430			
205			
257			
1186	1779	11.0	
461			
215			
183			
240			
1099	1649	10.2	

Hyb Mix 8-47-12,		120	7/24	8/2	8/25	55
20 TPxR-SBR		224 ✓				
	(35)	327 ✓				
		423 ✓				
			7/24		8/25	55
B455B2-11-2,		121	7/26	8/6	8/27	51
21 BBtx	(36)	218 ✓				
(TPxR-SBR)		321 ✓				
		416 ✓				
			7/26		8/27	51
C50-4059,		122	7/17	7/28	8/20	48
22 Rx 2	(37)	227 ✓				
		328 ✓				
		417 ✓				
			7/17		8/20	48
C50-4054,		123	7/15	7/24	8/19	45
23 Rx 2	(41)	225 ✓				
		316 ✓				
		418 ✓				
			7/15		8/19	45
C2L47-1470		124	7/16	7/24	8/19	47
24	(39)	216 ✓				
		326 ✓				
		415 ✓				
			7/16		8/19	47

	Bo	Ho	Co	
	2-3	5	2-3	
	3	4	3	
o	2-3	4-5	2-3	
	3-4	6	3-4	
	4	6	4	
o	3-4	6	3-4	
	6	6	6	
		5	7	
o	6-7	5-6	6-7	
*	0-1	7	0-1 *	
	4	4-5	1	
o	0-1	4-7	0-1	
	3	6	3	
	3	6	3	
o	3	6	3	

Too tall, many stunted heads, clean leaves and stems, prob. if no rain V. good plot in 3rd

Too many stunted heads Irregular plot, V clean stems & leaves

V. clean straw, very straw not too tall, V. good plot Watch a few tillers present.

V. tall on 4/8. good plot, Many dry heads dying rapidly also with stunted panicles Short straw, uniform lt.

Short and darker green on 4/8 dark green color when ripe, slow ripening Irregular lt.

327			
244			
313			
226			
1110	1665	10.3	
355			
299			
321			
296			
1271	1907	11.8	
325			
387			
421			
340			
1473	2210	13.6	
460			
392			
410			
361			
1623	2435	15.0	
250			
238			
268			
346			
1102	1653	10.2	

25	SP-14, TPxR-SBR	Stutt.	125	7/18	7/26	8/20	51
			226				
			322				
			425				
				7/18		8/20	51
26	S4031A1-16-1-6-1-1-1, TPxR-SBR SP16	Stutt.	126	7/20	7/30	8/22	53
			222		Too tall		
			318				
			427				
				7/20		8/22	53
27	S4526A3-49B2 TP49X(TPxR-SBR) Water in standing	Stutt.	127	7/16	7/26	8/20	49
			228				
			315				
			422				
				7/16		8/20	49
28	44C521-4012, RxZ	Crowley	128	7/17	7/27	8/19	53
			223				
			319				
			420				
				7/17		8/19	53

	CO	HO	CO	
	8	6	8	
	8	4-5	8	
0	8	4-6	8	
	7-8	5	7-8	
	8	4	8	
0	7-8	4-5	7-8	
	6	6	6	
	5-6	3-4	5-6	
0	5-6	3-6	7-8	
	7	5	7	
	8	6	8	
0	7-8	5-6	7-8	

Rather tall, irregular lot
poor grain yield
fine straw

V. tall, irregular lot
"Lemmon" yield thin 25

Slenderest straw, most
uniform and prob heaviest
yielding of dark long slender
sets. Possibly more tolerant
to stem rot, blight than others
V. tall V. aggr. on 6/25.

Very plot, v. good,
very straw, uniform
many stems in bed + only
a few in ¼ th.

315			
397			
367			
279			
1358	2037	12.6	
380			
390			
286			
391			
1447	2171	13.4	
401			
532			
496			
368			
1797	2696	16.6	
418			
334			
248			
307			
1307	1961	12.1	

6

Group III., midseason maturing long-grain r

	Nira		129	8/2	8/11	9/5	63
29	C.I. 2702	(59)	235				
			342				
			433				
				8/2		9/5	63
	Sunbonnet		130	7/24	8/2		59
30		(68)	241				
			335				
			432				
				7/24		8/28 (141)	59
	Bluebonnet		131	7/26	8/4	8/28	59
31	C.I. 8322	(64)	239				
			329				
			438				
				7/26		8/28 (141)	59
	Bluebonnet 50		132	7/26	8/5	9/28	53
32		(60)	238				
			338				
			439				
				7/26		8/28 (141)	53
	Improved Bluebonnet		133	7/31	8/9	9/3	53
33		(61)	230				
			341				
			437				
				7/31		9/3 (147)	53

Lodging	Ho	Co
pl bad	5	2-3 (13
pl bad	6	0-4 Seg
T-75	5-6	0-3
pl bad	5	5-(6)
bad bad	6	6-7
T-75	5-6	5-7
pl bad	6	8
th pl	6	8
T-75	6	8
0	6	7
0		
0	5	(6)-7
0		
0	5-6	6-7
0	4	2
0		
0	4	1-2
0		
0	4	1-2

Talked on 6/8
Al. Lodged on 9/7 Too tall

some lodging & al tangled 9/7
Some CO lint stems & leaves
greener than 6K1 on 9/7
about like 6K1 50

leaning, some lodging & tangling
on 9/7
leaves & stems badly discolored 9/

standing perfectly on 9/7

standing perfectly on 9/7
green leaves & stems on 9/7
and not even a trace CO of any

		613		
		595		
		615		
		605		
		2428	3642	22.5
		608		
		607		
		472		
		425		
		2112	3168	19.6
		556		
		568		
		469		
		505		
		2098	3147	19.4
		578		
		541		
		579		
		483		
		2181	3272	20.2
		714		
		606		
		615		
		487		
		2422	3633	22.4

	Fortuna		134	7/25	8/5	8/28	59
34	C.I. 1344	(62)	233				
			333				
			435				
				7/25		8/28 (141)	59
	Rexark		135	7/29	8/4	9/2	51
35	C.I. 8644	(69)	232				
			334				
			429				
				7/29		9/2	51
	Century 52		136	7/24	8/3	8/28	50
36		(57)	240				
			340				
			434				
				7/24		8/28	50
	C4-II-1-8		137	7/24	8/3	8/27	57
37		(63)	242				
			330				
			440				
				7/24		8/27	57
	~~C4-II-8-14 x BBt~~		138	7/25	8/8	8/28 (144)	~~52~~
38	Inro	(58)	234				
			337				
			430				
				7/25		8/28	52

		Ho	Co	
el		5	5	
el				
bad		5	4-5	
bad				
T-75		5	4-5	
heavy		5	6	
bad				
bad		4	6	
el				
T-75		4-5	6	
0		4	3-4	
0				
0		5	3	
el				
T		4-5	3-4	
bad		3-4	7	
bad				
bad		4-5	7	
bad				
75		3-5	7	
0		5	7	
el				
0		5	7	
0				
T		5	7	

badly tangled 9/7

leaning badly 9/7

standing perfectly 9/7

awry tallest one 6/8
badly lodged 9/7

standing OK, 9/7

674			
634			
562			
480			
2350	3525	21.8	
617			
430			
451			
551			
2049	3074	19.0	
629			
545			
457			
438			
2069	3104	19.2	
478			
523			
453			
351			
1805	2708	16.7	
492			
523			
543			
471			
2029	3044	18.9	

39	B46-4799, Rogue	(65)	139	7/25	8/8	8/30	52
			236				
			332				
			441				
				7/25		8/30	52
40	B459A1-95, Hill Sel x Rexark	(67)	140	7/31	8/7	9/3	47
			231				
			339				
			442				
				7/31		9/3	47
41	S4642A3-49B-1 R-7689 x TPR-5BR	Start.	141	7/21	8/1	8/26	50
			229				
			336				
			436				
				7/21		8/26	50
42	S4511A2-49B-2 Hill Sel x LBT	Start.	142	7/21	8/2	8/28	45
			237				
			331				
			431				
				7/21		8/28	45

		Ho	CO	
o		5	5-6	
o				
o		6	6	
o				
o		5-6	5-6	
o		6	2	
th				
o		6	3-4	
o				
T		6	2-4	
o		4	5-6	
sl				
sl		6	7-8	
sl				
T		4-6	5-8	
o		6	3-4	
o				
o		6	5	
o				
o		6	3-5	

V. Sturdy Straw 9/7

Standing OK 9/7

Tall veg/gr on 6/25 and upright.
Leaning slightly 9/7

Short veg growth on 6/25

580			
645			
553			
645			
2423	3635	22.4	
602			
453			
595			
482			
2132	3198	19.7	
356			
458			
471			
339			
1624	2436	15.0	
423			
480			
421			
388			
1712	2568	15.9	

Group IV, Midseason maturing short and medi

43	Caloro	143	8/5	8/12	9/15	48	
	C.I. 1561-1	(98) 254					
		356					
		451					
			8/5		9/15	(159) 48	
44	Acadia	144	8/7	8/17	9/20	52	
	C.I. 1988	(91) 243					
		348					
		447					
			8/7		9/20	52	
45	Hyb Mix 11-47-11-1,	145	8/3	8/17	9/15	47	
	E. Short Gr. Bulk	(97) 252					
		353					
		446					
			8/3		9/15	47	
46	Calrose	146	7/31	8/9	9/16	50	
		(94) 244					
		347					
		443					
			7/31		9/16	(160) 50	
47	Arkrose	147	Early maturing 1 st hd 7/15 8/6	8/16	9/18	54	
	C.I. 8310	(96) 246					
		352					
		456					
			8/6		9/18	(162) 54	

-- grain varieties

	Ho	Co	
lu+tanfield	6-7	6	
	6-7	6	
T	6-7	6	
sl	6	4	
	4		
	7	6	
T	6-7	4-6	
lu.	6	0-1	
	6	0-1	
T	6	0-1	
lu	7-8	5	
	7	7	
T	7-8	5-7	
lu	6	6	+7/4
	(5)-6	6	
T	5-6	6	

V good plot; leaning and some tanglingj,

V. good plot; some mixtures present, Watch and carefully, Ds very tall

(lighter green color and better tillering than Calrose, Calrose or Acedia on 7/10)
V. busy plot, leaning but no tanglingj,

much like Calrose but more stemlets or blights,

A very busy looking plot; leaning badly on 9/25, very little Co present on 9/25,

898			
676			
667			
604			
2845	4268	26.3	
479			
555			
519			
658			
2211	3317	20.5	
675			
593			
544			
594			
2406	3609	22.3	
531			
566			
591			
685			
2373	3560	22.0	
672			
665			
648			
575			
2560	3840	23.7	

48	Kamrose C.I.8314	(86)	148	8/8	8/17	9/19	55
			245				
			355				
			445				
				8/8		9/19	55
49	B438A1-104-4, SmBR-BR41x 8326	(95)	149	8/16	8/24	9/24	55
			251				
			350				
			452				
				8/16		9/24	55
50	C3-I-9-2-4, BRxBR-R	(88)	150	8/14	8/23	9/18	57
			249				
			349				
			449				
				8/14		9/18	57
51	C6-I-25-12 BRxBR-R	(89)	151	8/15	8/23	9/23	58
			256				
			351				
			450				
				8/15		9/23	58
52	BlueRose 41	(90)	152	8/12	8/18	9/20	60
			250				
			354				
			455				
				8/12		9/20	60

Get new seed

		HO	CO	
hwd.		6	3-4	
		4	3	
T		4-6	3-4	
0		3-4	0-1	
		4	0-1	
0		3-4	0-1	
		3-5 Sy	3	+ 6/25
		5	4	
0		3-5	3-4	
		3	2	
		3	3	
hm		4	2	
		6	2-3	
T		4-6	2-3	

Also very busy; leaving shelves out but not so bad as Abbrs.

Is showing much sterility as compared with others also such as C 6-I-25-12, Burn x BK, ale, good stem

Is also showing considerable sterility

Very little sterility good, but is too tall;

Has many talls which are off leaving badly on 9/25.

612			
596			
549			
591			
2348	3522	21.7	
688			
537			
560			
571			
2356	3534	21.8	
500			
555			
568			
555			
2178	3267	20.2	
245			
617			
582			
574			
2018	3027	18.7	
566			
565			
603			
564			
2298	3447	21.3	

53	B4559A1-102-2, Bruin Sel. x BR (85)	153 247 343 454	8/13	8/19	9/20	54
			8/13		9/20	54
54	B4325A1-77-6, Bruin Sel. x Fx Red	154 253 (87) 346 444	8/22	9/1	9/28	52
			8/22		9/28	52
55	Blue Rose C.I. 1962	155 (92) 255 344 453	8/13	8/19	9/21	59
			8/13		9/21 (165)	59
56	B4313A2-57-13, Sm BR - BR41 x Fx Red	156 (93) 248 345 448	8/14	8/23	9/25	54
			8/14		9/25	54

		HO	CO	
		5	4	
		6	3	
O		5-6	3-4	
		3	3	
		(2)-3	3	
O		2-3	3	
lm.		2-3	6	
		(3)-4	6	
T		2-4	6	
		5	0-1	+ ½ 25?
		4-5	0-1	
O		4-5	0-1	

A very promising Sm. BR Type.
Do easily threshed; and fairly good
straw but fairly tall.

Extremely vigorous vegetatively, long
drooping leaves & stalks, later
than BR,

(Shoot Veg growth on 6/25 and WT drawing)
Do HD resistant

616			
621			
734			
573			
2544	3816	23.6	
523			
473			
639			
463			
2098	3147	19.4	
585			
619			
490			
590			
2284	3426	21.1	
501			
483			
494			
567			
2045	3068	18.9	

Group K, Late maturing varieties:

57	C4060, 15/16 Rex	(Crowley 4062)	157	8/15	8/29	9/23	50
			266 ✓				
			369 ✓				
			460 ✓				
				~~8/15~~ 8/15		9/23	50
58	TP49	(600)	158	8/17	9/2	9/26	52 ✓
			258 ✓				
			368 ✓				
			467 ✓				
				8/17		9/26 (170)	52
59	Rexoro C.I. 1779	(601)	159	8/25	9/9	10/9	52 ✓
			268 ✓				
			366 ✓				
			457 ✓				
				8/25		10/9 (183)	52
60	C4164, 15/16 Rex	(Crowley 51-4164)	160	8/22	9/3	9/28	50
			260 ✓				
			365 ✓				
			470 ✓				
				8/22		9/28	50
61	C4180, 15/16 Rex	(603)	161	8/23	9/8	10/1	53
			259 ✓				
			360 ✓				
			468 ✓				
				8/23		10/1	53

		HO	CO	NT
		5	6	+8/7
		5	5	
0		5	5-6	
		6	7-8	
		6	6-7	
0		6	6-8	
		5	7	
		5	7	
0		5	7	
		5	5	
		5	4-5	
0		5	4-5	
0		6	4	
		5-6	4	
0		5-6	4	

as early as TP; shorter straw than Key a promising type Watch very little CO on 9/25.

more vigorous vegetatively than 57; sturdy straw

Bad for CO on 9/25;

Later than 57; has short straw; Some C.O. resistance, good.

Taller & later than 57 + 60; Some CO on 9/25 but not nearly as bad as Regen

580			
528			
661			
519			
2288	3432	21.2	
563			
573			
592			
546			
2274	3411	21.1	
381			
416			
474			
505			
1776	2664	16.4	
517			
492			
523			
583			
2115	3173	19.6	
542			
608			
616			
543			
2309	3464	21.4	

62	B4031A1-1-13-11, TPxR-SBR	(104)	162 ✓	8/17	9/2	9/25	49
			264 ✓				
			361 ✓				
			466 ✓				
				8/17		9/25	49
63	B43-280-1-3, T.P. Sel.	(107)	163	8/17	9/1	9/24	54
			267 ✓				
			364 ✓				
			463 ✓				
				8/17		9/24	54
64	C3-12, 7/8 Rex	(108)	164	8/24	9/8	10/9	54
			261 ✓				
			357 ✓				
			465 ✓				
				9/24		10/9	54
65	C3-72-3, R x Prlf	(109)	165	8/25	9/8	10/9 (183)	53
			257 ✓				
			358 ✓				
			462 ✓				
				8/25		10/9	53
66	Texas Patna Sel. A166 C.I. 8321-1	(110)	166	8/15	8/29	9/2 ✓	56
			265 ✓				
			367 ✓				
			461 ✓				
				8/15		9/22 (166)	56

R x P → P
Ist cross

		HO	CO	
		6	4-5	
		6	5	
o		6	4-5	
		6	5	
		6	6	
o		6	5-6	
		4	4	
		5	③-4	
o		4-5	3-4	
		5	4	
		5	4	
o		5	4	
		5	8-9	
		4	8-9	
o		4-5	8-9	

V little CO on 9/25; short straw, good plot but has med-grain

Too tall, vigorous growth and a hog plot, Very little CO on 9/25

good but prefer the shorter early types like 57 & 60 clean for CO on 9/25, V sturdy straw,

Leaves mostly dead on 9/22 Bad for CO, Too tall and too much straw

Breaking over + lodging on 10/5

			332		
			543		
			637		
			609		
			2121	3182	19.6
			541		
			557		
			615		
			542		
			2255	3383	20.9
			557		
			645		
			696		
			712		
			2610	3915	24.2
			758		
			606		
			693		
			656		
			2713	4070	25.1
			529		
			375		
			437		
			419		
			1760	2640	16.3

	B4524A1-4,	167	8/25	9/7	10/9	53
67	TP49x(TPxR-SBR)	√270				
		(111) 359√				
		469√				
			8/25		10/9	53
	B321B40-3,	168	8/14	8/26	9/20	52
68	RxD	(112) 269√				
	C.I. 8343	370√				
		464√				
			8/14		9/20 (164)	52
	B4527A1-48-7,	169	8/22	9/3	9/29	48
69	TP49x Rex	(124) 263√				
		362√				
		458√				
			8/22		9/29	48
	45C 554,	170	8/4	8/21	9/13	50
70	R-P-Lf x G	(135) 262√	20 segs. for maturity			
		363√				
		459√				
			8/4		9/13	50

	Ho	Co
	6-7	6
	5	6
o	5-7	6
	5	8-9
	(6)-7	8-9
o	5-7	8-9
	5-(6)	8
	4	6-7
o	4-6	6-8
	6	6
	6	4
o.	6	4-6

almost as late as Rex or
Some CO on 9/25 but green leaves
Too late & not as promising as
5760 Husbands

Bad for CO; leaves drying rapidly
on 9/25; Hay plot; good straw;

one of sleekest steamed straws in
group; good; Rex resistant to C.O.
leaves drying bodes quite rapidly on 10/

Tall rag growth on 7/10
Sl. taller than 69 but considered
plat straw; clear for Co & not
bad for N.O. Leaves still very green
on 10/5

612			
641			
645			
611			
2509	3764	23.2	
469			
564			
602			
637			
2272	3408	21.0	
440			
445			
468			
447			
1800	2700	16.7	
420			
592			
664			
490			
2166	3249	20.1	

Single Field Plots

			1st bud	Date 7 out of pod	Plant lot 4 (in)	Ht
Group 1. Early maturing varieties.						
B4512A1-4, Hill Sel x BBt (2152) (Mod)	101	7/5	7/14	8/5	47	8/7
		7/5		8/5	47	
B4512A1-20 Hill Sel x BBt (2156)	102	7/6	7/15	8/5	46	8/7
		7/6		8/5	46	
B4512A1-32, Hill Sel x BBt (2164)	103	7/3	7/10	8/3	48	8/7
		7/3		8/3	48	
B4515A1-16, Hill Sel x RN (2214)	104	7/6	7/14	8/6	45	8/7
		7/6		8/6	45	
B459A3-13-1-2-2 Hill Sel x Rexark (2106)	105	7/6	7/15	8/6	42	8/7
		7/6		8/6	42	

	Lodging (%)			
	3.89 3.65			
	0			
	3.21 3.35			
	.0			
	Lodged	?/51		
	3.77 4.00			
	30			
	Lodged	"		
	4.03 3.98			
	T			
	Lodged	"		
	3.10 3.48			
	T			

lighter green than 73, found hd ½" longer 6/2
Standing OK on 8/3, consid hvd damage
Sl taller than 72, not as sturdy
Does a longer, fuller grain
more hvd damage than 72

like 71. Prob standing shorter straw
than 71 + 73

Taller veg growth than 72 on 6/8.
BBst green on 6/25 found head ½" long
Earlier than others, 30% lodged on 8/3. Not c
dead leaves. Taller + weaker straw than 71 & 73
more irregularity in hd (like orig BBst)
resembles orig BBst when ripe

like 73 on 6/8.
Poor lodging may be due to 73 blowing
over on to this plot.

lighter green color on 6/8
V. grassy which will reduce yield
Shorter straw, looks very good on 8/2
not as early as 73.
finer straw than 74

	Unclean net	clean net	Lbs. per plot	acre yield Lbs.	Bbls.
39.8 cleaned	4.18				
	3.85				
	8.03				
	3212				
	19.8		7.54	3016	18.6
	3.52				
	3.68				
	7.20				
	2880				
	17.8		6.56	2624	16.2
	4.09				
	4.29				
	8.38				
	3352				
			7.77	3108	19.2
	4.34				
	4.25				
	8.59				
	3436				
	21.2		8.01	3204	19.8
	3.29				
	3.76				
	7.05				
	2820				
			6.58	2632	16.2

76	C8(1473-5-2, (23)	106	7/19	7/31	8/24	56	Hr 9/4	
	desire much density							
			7/19		8/24	56		
77	Honduras C.I. 1643 (21)	107	7/22	8/1	8/22	65	Hr 9/4	
			7/22		8/22	65		
78	B4356A1-32-17-2, 8326x8323-Z (19)	201	7/17	7/27	8/19	44	Hr 9/4	
			7/17		8/19	44		
79	B44-2647-3-1, H.11 Med Sel. (22)	202	7/22	8/1	8/25	52	Hr 9/4	
			7/22		8/25	52		
80	B45-15-1-8-2-1, H.11 Med x Z (24)	203	7/14	7/24	8/19	50	Hr 9/4	
			7/14		8/19	50		

2.46
2.13

0

2.84
2.68

0

4.43
4.28

0

2.67
2.85

0

3.19
3.21

0

V. dark green on 6/8

V. tall on 6/8 and light green.

(taller than 79 on 6/8, much taller on V10)
V. short straw; Hay plot,
good straw, easily threshed
Cross with Burnet x Z.

Rather short on 6/8 + V10
V. short heads, considerable stunting
Heads remain erect.
Extremely bad for sterility

Totall on 6/8 wide leaves
Many blank heads.

4.59 1836 11.3

5.52 2208 13.6

8.71 3484 21.5

5.52 2208 13.6

6.40 2560 15.8

	B45-15-1-1-6-6-1-1,	204	7/20	7/28	8/24	51	
81	Hill Med x Z						
	(28)						
			7/20		8/24	51	
	B46-3046-7-1-3,	205	7/22	7/30	8/25	52	
82	K-H x BR Rogue						
	(25)						
			7/22		8/25	52	
	Leger	206	7/22	7/30	8/25	52	
83	Med. Grain						
	(26)						
			7/22		8/25	52	
	B4542A1-2-4-1,	207	7/20	7/30	8/23	47	
84	R-7689 x						
	(TP x R-SBR)	(27)					
			7/20		8/23	47	

3,31				
3,60				
0				
.95				
.29				
0				
2.86				
3.86				
0				
.27				
.86				
0				

Rather narrow leaves fairly tall;

T. some stiulite, v. leafy throughout; v. green straw when ripe is leafy

quite tall on 6/8 & 7/10. Vigorous

green too flat; short straw uniform lot; green straw when ripe, sturdy straw

6.91 2764 17.1

4.24 1696 10.5

6.72 2688 16.6

8.13 3252 20.1

Group II Early and midseason maturing

B 4536A1-3-1-3, 85 R-7689x Hill Med. (46)	108	7/24	8/4	9/3	51
		7/24		9/3	51
B4524A1-43-3-2, 86 TP49x(TPxR-SBR) (4723)	109	7/30	8/8	9/1	43
advance to Jr Test Ltd to Coastal x check at Eagle Lab'd possible Predicting no stability when 7/30 is very				9/1	43
B4516A2-43 87 Hill Sel x(TPxR-SBR) (56)	110	7/23	8/2	8/27	48
		7/23		8/27	48
C.I. No. 5094 88 (49)	111	7/27	8/6	9/2	52
		7/27		9/2	52
B4511A1-18-2-3, 89 Hill Sel x(TPxR-SBR) (48)	112	7/26	8/5	9/30	47
		7/26		8/30	47

rieties:

3.00
3.30

0

3.65
3.87

0

2.90
3.15

0

4.04
3.79

0

2.45
2.79

0

v. dark green narrow leaves on 6/8.
much tillering, many heads + long
May yield. v. long heads,
Leaves + stems badly discolored
when ripe

v. dark green on 6/8, narrow leaves
Short straw, more sturdy
than Century, good to keep
with Cent for both straw
no sterility + good plant hit,
dark green, narrow leaves on 6/8
bad for sterility, too tall

lighter green than most on 6/8;
excellent growth on 7/10;

fairly tall 6/8; BEST growth on 7/10, good tille
considerable sterility

6.30 2520 15.6

7.52 3008 18.6

6.05 2420 14.9

7.83 3/32 19.3

5.24 2096 12.9

90	B4031A1-15, TP×R-SBR (2955)	113	8/2 few entries	8/25	9/23		
			8/2		9/23	—	
91	H0-116-1-1-1, TP×B3812A (4765)	114	7/31	8/12	9/3	50	
			7/31		9/3	50	
92	B459A3-3-2-1-1, Hill Sel. × Rexark (2804)	208	8/6	8/17	9/11	52	Considerable female blight green stained
			8/6		9/11	52	
93	B459A1-12-1-2, Hill Sel. × Rexark (74)	209	8/4	9/13	9/10	58	
			8/4		9/10	58	
94	B4530A1-36-2-1, TP49×Hill Med (51)	210	7/24	8/1	8/22	52	
			7/24		8/22	52	

	HO	CO	W.T.	
3.44				
3.46				
0				
3.97	1-2			
3.82				
0				
3.59				
4.26				
0				
4.26				
4.22				
0				
1.43				
1.24				
0				

Short veg. growth on 7/10

quite tall 6/8

good on 6/8; a long plot; uniform
short sturdy straw, V promising

V. tall on 6/8, V. good wide leaves
Too tall, too much vegetation

good on 6/8
drooping flag leaves, V. sturdy straw
a good plot. Short straw, full grain
V. sturdy straw. Considerable stunting
Bad for shattering, Excellent grain type

6.90 2760 17.0

7.80 3120 19.3

7.85 3140 19.4

8.48 3392 20.9

2.67 1068 6.6

Plots 201 through 216 are very rank, prolonged straw stock.

95	B322B47-12-2-4, R x F (76)	211	8/4	9/13	9/12	59
			8/4		9/12	59
96	B4511A1-91-1-2, Hill Sel x (TP x R-SBR) (82)	212	8/15	8/28	9/20	52
			8/15		9/20	52
97	B4513A2-28-1-2, Hill Sel x BBt (47)	213	8/4	8/11	9/6	56
			8/4		9/6	56
98	B4515A1-21, Hill Sel x RN (2884)	214	8/3	8/10	9/5	54
			8/3		9/5	54

t.88
t.17

0

2.41
3.13

0

9.5

0

Finely tall + V good on 6/8, drooping leaves 7/15

good on 6/8
drooping leaves.

V. leafy like Timo, drooping leaves
Hay plot

V. good on 6/8

9.05 3620 22.3

5.54 2216 13.7

— — —

— — —

Group III, Midseason maturing varieties

99	B47-3741-15-5, BBt Sel. (77)	115	8/2	8/15	9/4	47
			Segr. types, notanyal grain type, dsic.			
			8/2		9/4	47
100	46C 709 (4-II-8-14) (4-II-1-8)	116	8/2	8/12	9/3	50
		Crowley 4044	Slow leaf drying little sun checking when over ripe			
			8/2		9/3	50
101	46C 739 Rex x (4-II-4)	117	7/30	8/9	8/31	51
		Crowley 4118	Rapid leaf drying sun checked when over ripe			
			7/30		8/31	51
102	Century 234-2-1, (4705)	118	8/15	8/26	9/21	46
			8/15		9/21	46
103	HO-421-2-1-1, BBt ~~F~~ x B3812A (4762)	119	8/12	8/26	9/18	51
			8/12		9/18	51

Curling & R after check to strength

		CO	-	
4.66				
5.13				
0				
4.08		MR		
4.51				
0				
3.93		S		
3.92				
0				
.58				
3.44				
0				
4.67				
4.68	✓	R		
0				

short neg like B13d on 6/8; an excellent B13d type on 7/10;
V. sturdy, clean for HO.
not typical of original

fairly tall on 6/8

like 1000 on 6/8

good on 6/8

light green on 6/8, 2x d. shorter and tillering better than 104 on 6/25. watch.

Has very clean green stems when ripe.
outstanding stem + leaf character

9.79 3916 24.2

8 59 3436 21.2

7.85 3140 19.4

7.02 2808 17.3

67
68

9.35 3740 23.1

104 H0-341-1-1-1, TPx B3812A — 120 — 7/25 — 8/12 — 8/31 — 49 — Hr 9/4
Seg. Mat
(83) some CO on 9/22, may be seg for C.O.?

7/25 — 9/31 — 49

105 H0-114-3-1-1, TP49x B3812A — 121 — 8/31 — 9/12 — 10/10 — 42
(134)

8/31 — 10/10 — 42

106 B46-4248-1-12-3 BBt. Sel. — 215 — 8/1 — 8/9 — 9/4 — 54 — Hr 9/1
Green leaved type
(78)

8/1 — 9/4 — 54

107 B4510A1-154-7-1, Hill Sel x BBt — 216 — 9/3 — 8/11 — 9/5 — 51 — Hr 9/1
(75)

8/3 — 9/5 — 51

108 B4512A1-106-1-3, Hill Sel x BBt — 217 — 9/3 — 8/11 — 9/4 — 49 — Hr 9/1
(52)

8/3 — 9/4 — 49

	NO			
3.23 3.47	1	MR		
0				
2.81 2.80	(1)	MR	+ 9/11	
0				
4.05 4.71		R.		
0				
4.54 4.52		S		
0				
4.12 4.33		S		
0.				

darker green than 103 on 6/8, Same on 6/25

Rather short on 6/8.
V. short straw & very sturdy
clean for HO, med-grain type.
V. easily threshed

taller than 107 on 6/8. Gold bulbs
leaves very green when ripe
V. sturdy straw - grain shatters

Rather short like BBB on 6/8
a promising BBB type

like 107; a promising BBB type
not as tall as 107, may be due to
location

6.70	2680	16.5
5.61	2244	13.9
8.76	3504	21.6
9.06	3624	22.4
8.45	3380	20.9

109 B455A1-27-3-3, 218 7/30 8/8 9/1 49
BBtx (TPxR-SBR) green leaf type
(55)

7/30 9/1 49

110 B47-3054 219 8/16 8/24 9/21 52
Rexark Sel. clean for HD - E.H.T.
(129)

8/16 9/21 52

111 B406, 220 8/12 8/27 9/25 57
Fx Red (4793)

8/18 9/25 57

112 B4555A1-02-2-2-4, 221 8/14 8/21 9/22 49
Bruin Selx ~~BR 3326~~ Considerable HD resistance E.H.T.
(3690) Grow in field plots, 2 a
very uniform plot.
8/14 9/22 49

11.66
4
46.64
11.66

	DO	CO	
3.96		MR	
4.42			
o			
4.82			
4.50 R		R	
o			
4.83			++ NT 8/5
4.71 3-4			2
o			
5.74			
5.92 R		R	+ 8/11
o			

like 108 on 6/8; a promising BB type, much less C than 108 & 107

very short on 6/8, light green color & still short on 8/7. A smooth short awned short grain, stiff peduncle. short semi erect panicle. V. sturdy stem not too tall,

much vigor, V. tall, V open pan

V. promising Smith BR type not as tall as BP, V stiff

8.38 3352 20.7

9.32 3728 23.0

9.54 3816 23.6

11.66 4664 28.8

Group IV midseason and late maturing

113	Ganeki (4769)	122	8/11	8/19	9/19	41
			8/11		9/19	41
114	C.I. 8629, Glut.	123 3931	8/2	8/14	9/15	42
			8/2		9/15	42
115	B47-4399-7-1, Glut. (3882)	124	8/28	9/10	10/4	44
			8/28		10/4	44
116	B47-4399-7-2, Glut. (3886)	125	9/7	9/17	10/7	47
			9/7		10/7	47
117	B47-4393-11-1, Glut. Purple hull (131)	126	8/18	9/1	10/1	50
			8/18		10/1	50

ametics:

.12
.80

T

.28
.92

0

.08
.07

0

26
93

0

.98
.92

0

V. short on 6/8 + many dead leaves;
V. short hit; V. uniform
Is leaning on 9/24

Only 1/3 stand hit taller than genkwa on 6/

Short on 6/8
V. uniform hit; buy plot;
a smooth short grain

short on 6/8
Taller than 115 + sl lobs;
otherwise the same

fairly tall on 6/8
V. hard to thresh
purple hulls + stems.

11.92 4768 29.4

6.20 2480 15.3

10.15 4060 25.1

8.19 3276 20.2

5.90 2360 14.6

118 B47-4394-18-2, 127 Glut. (4771) 8/25 9/8 10/12 57

119 B49-508, 128 Ca x Rox. Possibly has a little green (3624) 8/15 8/24 10/1 55

Cross with Gumbi for shot hit. 8/15 10/1 55

120 B4552A1-12-1-1, 222 TPx R-7689 (119) 9/25 9/6 10/10 47

check for comeback qual 8/25 advance, looks very, lumpy V. good underneath 10/10 47

121 B4524A1-41-1-1, 223 TP49 x (TPx R-SBR) (122) 8/20 9/3 10/2 51

Satisf. qual. 8/20 10/2 51

122 B4544A1-27-1-3, 224 R-7689 x 8975 (123) 9/2 9/15 10/9 37

9/2 10/9 37

			CO	
3.90				
.99				
F				
5.51			S	
.76				
F				
4.70				
.09				
0				
4.32				
4.09			+ 8/11	
0				
3.50				
3.62			+ 8/11	
0				

V. tall on 6/8 and V. good, tillering gr

V. tall & V. rank, Hoy plot
V. large seed. Smooth.

fairly tall on 6/8, narrow leaves
Extremely uniform, too tall
a very heavy plot, good to
cross with Gumbai

Slow ripening, short
straw, leaves stay green
but show S to C O.
a V. good plot

tallest straw 120 on 6/8
fairly tall, S to C O but prob
doesn't dry back as fast as TP & Ry
Rather poor grain shape
flat & sl curved

V. short on 6/8, narrow leaves
much like 126 but appears to
have longer flag
V short sturdy straw; green leaf
Clean for HO & no C O

123 B459A1-52-1-1, 225 9/13 9/25 42
Hill Sel x Rexark
(137)

9/13 — 42

124 B4545A2-1, 226 8/20 9/1 9/26 51
TP x Hill Mod.
(3776)

8/20 9/26 51

125 B4511A1-53, 227 9/16 9/1 9/24 45
Hill Sel. x (TP x R-SBR)

8/20 9/24 45

126 B4541A1-27, 228 8/22 9/3 9/26 38
R-7689 x TP49
(344)
Is this the same as 1756

8/22 9/26

3.68				
3.74			+ 8/11	
.0				
2.38				
2.74				
0				
3.54			++ 8/3	
3.28				
0				
3.58			++ 8/24	
3.71				
0				

wide leaves not tillering like 124 on 48
short on 7/10
v. short straw, erect flags,
green stained

quite tall, v good on 6/8; Long, narrow drooping leaves, light green color on 7/10
Water
flags drop. Highly S to CO.
does look fast like TP
long banana grain

only fair on 6/8; Long leaves, drooping, light green color on 8/11, leaves rather narrow.
appears to have a light grain yield

v. short on 6/8 + 7/10
Exceptionally short straw; v sturdy erect flags but short flags;

7.42 2968 18.3

5.12 2048 12.6

6.82 2728 16.8

7.29 2916 18.0

Group V, Late maturing varieties:

B47-4980-3, Karang-Serang (4859)	129	9/4	9/16	10/16	59
127		9/4		10/16	59
B47-4963-14, Karang-Serang (4861)	130	9/3	9/14	10/16	54
128		9/3		10/16	54
B4030A3-13, R-7689 x R (115) 2 bodily mixed	131	8/15	9/3	9/25	49
129		8/15		9/25	49
B46-2069-5-3, T. Patna Sel. (Dwarf) (114)	132	8/26	9/7	10/2	42
130		8/26		10/2	42
Texas Patna C.I. 8321 (118)	133	8/24	9/7	10/1	56
131		8/24		10/1	56

2.89
3.64 wt. +

0

2.86
3.09

0

4.18
4.47

0

4.10
4.08

0

3.48
3.54

0

dark green good on 6/8; Erect leaves on 7/10
dense veg & drooping leaves on 8/24

dark green & taller than others on 6/8
long drooping leaves on 7/10, a blanket
of leaves on 8/11, Exceptional vigor

rather short on 6/8; Tall enough on 7/10
rather narrow leaves; excellent tillering
Same yellowing of leaves on 8/11
and more than average number
of dead leaves at base of plants
Some CO on 8/11 (bad for grass)

rather short on 6/8 and darker than TP
SL shorter than TP on 7/10, better tillering
foobs very good on 7/10,
(bad for grass)

Some taller than 130.
much CO on 8/11

6.53 2612 16.1

5.95 2380 14.7

8.65 3460 21.4

8.18 3272 20.2

7.02 2808 17.3

132 B4527A1-48, TP49 x Rex. adv (4841)	134	8/26	9/7	10/2	49
Same as strain in field plots					
		8/26		10/2	49
133 B4527A1-20, TP49 x Rex.	135	9/1	9/13	10/7	48
		9/1		10/7	48
134 B47-4950-S, Korong-Serang (4860)	229	8/30	9/10	10/9	60
		8/30		10/9	60
135 B4526A4-4-1-1, TP49x(TPxR-SBR) (138)	230	8/31	9/9	10/10	50
Watch out about strain TP49 quick					
		8/31		10/10	50
136 B343B47-18-3-1, NxK (139)	231	9/3	9/15	10/10	52
		9/3		10/10	52

CO

4.45
4.46

S
Recreation

0

4.05 S to CO
4.18

0

3.79
4.22

0

4.70
4.69

0

3.02

no CO on 9/24 3.72

0

darker green than TP.
Advance this line as a
sturdy strawed TP strain.
Send grain sample to Committee
Less veg vigor than Stuart & short S
like 132 on 6/8
Later maturing than 132, less C 9 & 1
poor grain type

Is very tall, Smooth, long
heads, clean straw, large
sturdy stems, grain intermed
in length.

V. good on 6/8
drooping leaves 9/11 & dense veg
Has V. short straw, rather short
flags, mostly erect. good plot
TP49 grain type

good on 6/8
Medium erect leaves 9/11, flags droop
easily threshed, Has very green
straw, sturdy straw.

good grain but many rotten
heads, Dries back very fast, like Rex & T Patron

8.91	3564	22.0
8.23	3292	20.3
8.01	3204	19.8
9.38	3752	23.2
6.74	2696	16.6

Hyb Mix-8-47-8-3-3, 137 TPxR-SBR (140)	232	8/17	8/29	9/24	50
		8/17		9/24	50
B4545A2-3-2-1-1, 138 TPx Hill Med	233	9/6	9/19	10/	46
		9/6		-	46
B4524A1-13, 139 TP49x(TPxR-SBR) (4801)	234	8/25	9/6	10/8	50
		8/25		10/8	50
B4527A1-11, 140 TP49x Rex. (3847)	235	8/26	9/7	10/5	49
		8/26		10/5	49

3,70
3,83

0

1,85
1,86

0

3,43
3,11

0

4,73
4,65

0

Semi drooping leaves 8/11

Short on 6/8

fairly erect leaves 8/11, √ erect flags
Exceptionally long flag leaves
green leaves, √ little C.D. slow
drying. √ shot straw
good 6/8)
drooping leaves 8/11 including most flags
Heights S to Ca ; a hay plot

good on 6/8
Erect leaves 8/11 + erect flags
S to Ca but leaves dying back
slowly.

7.53 3012 18.6

3.71 1484 9.2

6.54 2616 16.1

9.38 3752 23.2

30 1
2
3
4
30 5
6
7

30 8
9
10
11
12
13
14

315
16
17
18
19
20
21
322
23
24
25
26
27
28

		A	B	C	D	
329						
30						
31		529	495	551	541	
32						
33						
34		701	625	633	612	
35		564	632	617	642	

Todd Co.
136 Var for Judging contest

Smith ✓
Magnolia ✓
Caloro
Calrose
Blue Rose ✓
BBt from Hd R ✓
BBt SD from Hd R ✓
Imp BBt ✓
Mars ✓
Fortuna ✓
Century ✓ Tie
Rexoro
T Patna ✓ Varieties
Sunbonnet from Hd R ✓
Jacross ✓

To Hw 9/24

85
90
92
93
95

96
102
103
110
111
112
113
114
125
137

59
61
63
64
67

1953

Date SEEDING

March (1) May (33)

April (17) June (49)

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

July (65)

FIELD PLOTS

(Replicated)

Head Row Block (See Index)

Foundation Fields

Page 0

Use C-6 drawing pen to make out books.
B-6 for tags (D-5 for variety nos on tags)

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and Agricultural Engineering,

Division of Cotton and Other Fiber Crops and Diseases

Washington 25, D. C.

16—61780-1

Loaded row on N Block 8 June date headed 8/6

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (*a*) Methods (*b*) Dates
5. Size of plot:
   (*a*) Area in square feet (*b*) Number of rows
   (*c*) Length of rows (*d*) Width of rows
6. Fertilizer: (*a*) Pounds per acre
   (*b*) Analysis (N–P–K) (*c*) Time of application
   (*d*) Method of application (*e*) Side dressings
7. Planting: (*a*) Date (*b*) Rate (*c*) Method
8. Thinning: (*a*) Date (*b*) Method (*c*) Approximate optimum spacing attempted
9. Cultivation: (*a*) Implements used (*b*) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
   (*a*) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35–7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
   (*b*) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

U. S. GOVERNMENT PRINTING OFFICE 16—61780-1

2nd growth

174

A - 70
B - 120
C - 142
D - 87

142

A 213
C 110
D 196

143

A - 540

144

A - 341
C 241
D - 389

All on 2 rod runs

2nd growth of

Centuary mi March date cut

144 A

B

C

D

cut 2 - 16 foot rows of each

on 11/10

Magnolia

143 A

2nd growth fairly good on aged

date, better on rows not cut

than on rows cut (1st time)

Foundation Increase

Index

Index of Seed Increase

Plots on S3 Area.	Page No.
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Foundation Seed Fields on Farms O

Century	N-M Farms
"	Allen & Gann
"	M.W. Mauritz & Son
BBt 50	N-M Farms
"	Don McMillian
"	M.W. Mauritz
~~BBt 50~~	Roy Seaberg
Texas Patna	"
~~B~~ Texoro	"
B438A	"
Imp. BBt	E.V. Boyt and Donald Meek.

Foundation Increase Fields

Century Patna; N-M Farms, Anahuac
Used # Seed; Sown 4/11/53; 4.8 Acre

Century Patna Allen & Gann, El Campo
Used # seed; Sown 4/14/53; 18.0 Acres

Century Patna M. W. Mauritz & Son, Ganado
Used #Seed; Sown 4/~~22~~24/53; 9.5 Acre

Bluebonnet 50 N-M Farms, Anahuac
Used # Seed; Sown 4/11/53; 4.0 Acre

Bluebonnet 50 Don Mc Millian, Katy
Used # Seed; Sown 4/22/53; 10.2 Acres

Bluebonnet 50 M. W. Mauritz, Ganado
Used # Seed; Sown 5/12/53; Acre

B438A Roy Seaberg, Dayton
Used # seed; Sown 5/12/53 Acre

Bluebonnet 50 Roy Seaberg, Dayton
Used # Seed; Sown 5/12/53; Acres

Texas Patna Roy Seaberg, Dayto
Used # Seed; Sown 5/11/53; 12.0 Acres

Texoro Roy Seaberg, Dayto
Used #Seed; Sown 4/17/53; 11.6 Acres

Improved Bluebonnet E.V. Boxt, Devers
Used # Seed; Sown 5/12/53; Acres

Improved Bluebonnet Donald Meek, Louis
Used # Seed; Sown 3 10.5 Acre
Sown 7.5 Ac

1 March 18th

141	Zenith		101	7/11	7/19	8/10	46
	C.I. 7787	Winter wheat seed	205	7/8	7/19	8/11	47
			308	7/9	7/19	8/11	48
			412	7/9	7/19	8/10	46
				7/9		8/11	47
142	B4512A1-32,		102	6/22	7/10	7/27	43
	Hill Sel x BBt.		208	6/20	7/7	7/27	44
		(4650)	306	6/23	7/11	7/27	43
			410	6/23	7/8	7/27	45
				6/22		7/27	44
143	Magnolia		103	7/8	7/18	8/11	48
			206	7/9	7/19	8/12	49
		(304)	307	7/10	7/20	8/11	47
			409	7/8	7/19	8/10	47
				7/8		8/11	48
144	Century Patna		104	7/8	7/20	8/15	46
			207	7/8	7/19	8/15	47
		(310)	305	7/9	7/21	8/15	45
			411	7/9	7/19	8/15	46
				7/9		8/15	46
145	Improved Blueboret		105	7/24	8/4	9/3	51
			204	7/24	8/4	9/3	54
		(319)	309	7/23	8/4	9/3	52
			414	7/25	8/4	9/3	52
				7/24		9/3	52

(multiply grain total x 1.5)
or acre yield in lbs.
acre yield in lbs x .006173 for MBE yield

destroyed by birds

2nd crop cut 10/9 ripe 10/12

(mult x 1.5) x .2

gram	lbs	BBL
366		
685		
494		
597		
2142	3213	19.8
390		
—		
278		
408		
1076	2152	13.3
495		
566		
529		
365		
1955	2933	18.1
591		
712		
341		
549		
2193	3290	20.3
914		
828		
627		
563		
2932	4398	27.1

146	B459A1-95-1-2, Hill Sel x Rexark	106	7/23	8/4	8/26	47
		201	7/24	8/4	8/26	46
	(311)	312	7/24	8/4	8/26	47
		413	7/24	8/4	8/27	49
			7/24	7/21	8/26	47
147	Bluebonnet C.I. 8322	107	7/21	7/30	8/25	56
		203	7/20	7/30	8/25	60
	(315)	311	7/20	7/30	8/25	57
		416	7/22	8/1	8/26	55
			7/21		8/25	57
148	Bluebonnet 50	108	7/21	7/30	8/25	51
		202	7/20	7/30	8/25	54
	(316)	310	7/20	7/30	8/25	52
		415	7/22	7/30	8/26	51
			7/21		8/25	52
149	Texas Patna C.I. 8321-1	109	8/9	8/23	9/16	69
		215	8/8	8/23	9/16	60
	(331)	303	8/7	8/24	9/17	56
		402	8/10	8/23	9/17	59
			8/9		9/17	58
150	C8-12, 7/8 Rex	110	8/14	9/3		56
		216	8/15	9/3		55
	(329)	304	8/17	9/3	10/4	53
		403	8/13	9/2	10/4	65
			8/15		10/4	55

Considerable Cercospora showing on

630			
885			
794			
692			
3001	4502	27.8	
558			
593			
840			
820			
2811	4217	26.0	
487			
601			
955			
845			
2888	4332	26.7	
653			
555			
400			
641			
2249	3374	20.8	
882			
950			
771			
786			
3389	5084	31.4	

151	TP49	111	8/9	8/26	9/24	54
		214	8/11	8/26	9/24	53
	(330)	301	8/11	8/30	9/24	54
		401	8/12	8/27	9/24	52
			8/11		9/24	53
152	Rexoro C.I. 1779	112	8/18	9/4		55
		213	8/17	9/4		54
	(332)	302	8/20	9/5	10/4	54
		404	8/18	9/5	10/4	54
			8/18		10/4	54
153	B438A1-104-4, SmBR-BR41 x 8326	113	8/13	8/24	9/24	51
		211	8/14	8/24	9/24	52
	(326)	313	8/15	8/25	9/24	49
		407	8/15	8/24	9/24	50
			8/14		9/24	51
154	C6-I-25-12 BR x BR-R	114	8/15	8/23	9/24	58
		209	8/15	8/23	9/24	56
		316	8/14	8/24	9/24	55
	(322)	408	8/14	8/23	9/24	55
			8/15		9/24	56
155	Blue Rose	115	8/12	8/19	9/20	59
		210	8/12	8/19	9/20	58
	(327)	314	8/12	8/18	9/18	56
		406	8/12	8/20	9/19	56
			8/12		9/19	57

415			
700			
456			
620			
2191	3287	20.3	
517			
614			
482			
436			
2049	3074	19.0	
865			
782			
668			
613			
2928	4392	27.1	
824			
625			
495			
790			
2734	4101	25.3	
698			
423			
703			
539			
2363	3545	21.9	

	Hyb Mix 11-47-11-1,	116	8/1	8/13	9/16	48
156	E. Short Gram Bulk	212	7/31	8/12	9/16	50
		(156) 315	8/1	8/13	9/16	46
		405	8/1	8/13	9/16	47
			8/1		9/16	48

leaving on 9/24

668
596
747
570
2581 3872 23.9

17 April 15th

161	Texas Patna	101	8/22	9/8	10/2	53
	÷C.I. 8321	304	8/22	9/7	10/2	54
	(331)	605	8/24	9/6	10/2	56
		705	8/23	9/6	10/2	56
			8/23		10/2	55
	C3-12, 7/8 Rex.	102	~~9/25~~ 9/	9/18	10/18	47
162		301	9/2	9/18	10/18	51
	(329)	607	9/2	9/18	10/18	52
		707	9/3	9/18	10/18	54
			9/2		10/18	51
	TP49	103	8/25	9/10	10/8	46
163		303	8/24	9/9	10/8	49
	(330)	606	8/26	9/9	10/7	50
		706	8/26	9/9	10/7	52
			8/25		10/8	49
	Rex 01-0	104	9/4	9/18	10/18	47
164		302	9/3	9/18	10/18	49
	(332)	608	9/7	9/18	10/18	52
		708	9/5	9/18	10/18	52
			9/5		10/18	50
	B438A1-104-4,	105	8/17	9/26	9/24	46
165	SmBR-BR4)	308	8/17	8/28	9/24	46
	× 8326 (326)	507	8/17	8/26	9/24	44
		801	8/17	8/26	9/24	47
			8/17		9/24	46

	399		
	360		
	420		
	492		
	1671	2507	15.5
	491		
	546		
	550		
	602		
	2189	3284	20.3
	392		
	463		
	471		
	547		
	1873	2810	17.3
	423		
	492		
	435		
	562		
	1912	2868	17.7
	231		
	471		
	471		
	478		
	1651	2477	15.3

166	C6-I-25-12, BR x BR-R	106	8/17	8/25	9/24	48
		306	8/18	8/25	9/23	48
	(322)	508	8/17	8/25	9/24	48
		804	8/17	8/24	9/24	52
			8/17		9/24	49
167	Blue Rose C.I. 1962	107	8/14	8/23	9/20	50
		307	8/15	8/23	9/20	50
	(327)	505	8/15	8/22	9/20	51
		803	8/14	8/22	9/20	54
			8/15		9/20	51
168	Hyb Mix 11-47-11-1, E. Short-Grain Bulk	108	8/6	8/18	9/17	43
		305	8/6	8/18	9/17	43
	(156)	506	8/6	8/17	9/17	42
		802	8/7	8/18	9/17	45
			8/6		9/17	43
169	Improved Bluebonnet	2nd	8/6	8/14	9/9	46
		406	8/6	8/14	9/9	47
	(319)	501	8/5 ?	8/12	9/10	47
		704	8/5	8/15	9/9	49
			8/6		9/9	47
170	B459A1-95-16-3, H.11 Sel x Rexark	202	8/3	8/12	9/7	42
		408	8/3	8/13	9/7	43
		504	8/5	8/13	9/7	44
	(311)	702	8/3	8/14	9/7	44
			8/4		9/7	43

WT

+8/17

+8/17

344			
340			
415			
493			
1592	2388	14.7	
366			
517			
544			
612			
2039	3059	18.9	
536			
465			
602			
724			
2327	3491	21.5	
435			
397			
541			
600			
1973	2960	18.3	
747			
668			
551			
610			
2576	3864	23.9	

	Bluebonnet	203	8/1	8/12	9/4	49
171	C.I. 8322	409	8/1	8/11	9/4	48
	(215)	503	8/2	8/14	9/4	51
		703	8/1	8/11	9/4	53
			8/1		9/4	50
	Bluebonnet 50	204	7/31	8/12	9/4	44
172		405	8/1	8/11	9/4	47
	(316)	502	8/2	8/11	9/4	45
		701	8/2	8/12	9/4	46
			8/1		9/4	46
	Zenith	205	7/19	7/29	8/18	48
173	C.I. 7787 (Resistant)	404	7/17	7/29	8/18	47
		604	7/18	7/28	8/18	48
		806	7/18	7/29	8/19	48
			7/18		8/18	48
	B4512A1-32,	206	7/2	7/12	8/4	42
174	Hill Sel. x BBC	402	7/3	7/11	8/4	42
		602	7/2	7/13	8/4	42
	(4650)	805	7/2	7/12	8/4	42
			7/2		8/4	42
	Magnolia	207	7/19	7/29	8/18	47
175	C.I. 8318	401	7/17	7/28	8/18	46
		601	7/17	7/29	8/18	47
		807	7/17	7/28	8/19	48
			7/18		8/18	47

2nd crop ripe 10/15, cut 10/19
Lots of Burnet grass in A & B
series so 2nd crop V. poor.

594			
654			
696			
397			
2344	3512	21.7	
722			
824			
692			
561			
2799	4199	25.9	
460			
474			
613			
453			
2000	3000	18.5	
445			
552			
539			
568			
2104	3156	19.5	
419			
544			
481			
569			
2013	3020	18.6	

Century Patna		208	7/21	7/30	8/21	46
176	(Wd Row)	402	7/19	7/31	8/21	44
		603	7/20	7/30	8/21	46
		808	7/21	7/30	8/21	47
			7/20		8/21	46

484			
396			
433			
527			
1840	2760	17.0	

May 24th

181	Century Patna	101	8/19	8/27	9/24	44
		304	8/19	8/27	9/24	45
	(Nd Row)	602	8/19	8/29	9/24	43
		702	8/19	8/29	9/24	43
			8/19		9/24	44
182	Zenith C.I. 7787 (Winterman)	102	8/17	8/25	9/21	46
		301	8/17	8/26	9/21	45
		603	8/17	8/27	9/21	45
		704	8/17	8/28	9/21	46
			8/17		9/21	46
183	Magnolia C.I. 8318 (304)	103	8/17	8/26	9/19	44
		302	8/17	8/26	9/20	44
		601	8/17	8/27	9/20	44
		703	8/17	8/27	9/20	44
			8/17		9/20	44
184	B4512A1-32, Hill Sel x BBt. (4650)	104	8/3	8/12	9/4	36
		303	8/3	8/12	9/4	36
		604	8/4	8/13	9/4	41
		701	8/4	8/13	9/4	38
			8/4		9/4	38
185	Blue Rose C.I. 1962 (327)	105	9/1	9/12	10/9	50
		507	9/1	9/11	10/9	51
		506	9/1	9/12	10/9	51
		807	9/1	9/12	10/9	50
			9/1		10/9	51

508			
513			
587			
567			
2175	3263	20.1	
598			
485			
505			
384			
1972	2958	18.3	
403			
391			
454			
398			
1646	2469	15.2	
657			
630			
505			
323			
2115	3173	19.6	
689			
655			
478			
526			
2348	3522	21.7	

186	Hyb Mix 11-47-11-1, E. Short Grain Bulk (154)	106	8/23	9/5	10/10	43
		406	8/23	9/6	10/10	43
		507	8/26	9/6	10/10	44
		806	8/24	9/6	10/10	43
			8/24		10/10	43
187	B438A1-104-4, SmBR-BR41 x 8326 (326)	107	9/4	9/15	10/14	45
		408	9/4	9/14	10/14	45
		505	9/5	9/15	10/14	45
		805	9/5	9/15	10/14	47
			9/5		10/14	46
188	C6-I-25-12, BR x BR-R (322)	108	9/4	9/16	10/14	49
		405	9/4	9/14	10/14	51
		508	9/5	9/15	10/14	50
		808	9/5	9/15	10/14	50
			9/5		10/14	50
189 ✓	Rexoro C.I. 1779 (332)	201	9/30	10/8		49
		305	9/30	10/7		48
		607	10/2	10/8	Stalk and grain	49
		803	10/2	10/9	11/11	48
			10/1		11/11	49
190 ✓	TP 49 (330)	202	9/25	10/3		46
		308	9/25	10/3		46
		605	9/26	10/3	30 varied type	46
		801	9/24	10/2	11/1	46
			9/25		11/1	46

+8/25

746			
731			
554			
538			
2569	3854	23.8	
724			
812			
596			
606			
2738	4107	25.4	
623			
701			
539			
431			
2294	3441	21.2	
442			
415			
413			
361			
1631	2447	15.1	
493			
505			
592			
421			
2011	3017	18.6	

	Texas Patna	203	9/26	10/3		50
191	C.I. 8321	306	9/25	10/4		48
		608	9/26	10/6		51
	(331)	802	9/25	10/5	11/3	48
			9/26		11/3	49
	C3-12, 7/8 Rex.	204	9/28	10/8		48
192		307	9/29	10/7		48
	(329)	606	9/30	10/7		47
		804	9/30	10/8	11/8	48
			9/29		11/8	48
	Improved Bluebonnet 20S	205	9/10	9/19	10/18	49
193		401	9/10	9/19	10/18	47
	(319)	504	9/11	9/20	10/18	50
		708	9/10	9/20	10/18	49
			9/10		10/18	49
	Bluebonnet	206	9/6	9/16	10/12	50
194	C.I. 8322	404	9/4	9/15	10/12	49
	(315)	501	9/6	9/15	10/11	50
		707	9/6	9/16	10/10	50
			9/6		10/11	50
	Bluebonnet 50	207	9/6	9/16	10/12	47
195		403	9/5	9/16	10/12	46
	(316)	502	9/6	9/16	10/11	47
		706	9/6	9/16	10/10	46
			9/6		10/11	47

435			
413			
411			
429			
1688	2532	15.6	
284			
498			
545			
436			
1763	2645	16.3	
611			
577			
604			
642			
2434	3651	22.5	
431			
536			
436			
533			
1936	2904	17.9	
599			
505			
488			
566			
2158	3237	20.0	

	B459A1-95-16-3,	208	9/6	9/16	10/12	44
196	Hill Sel. x Rexark	402	9/5	9/15	10/10	43
		503	9/7	9/16	10/12	43
	(311)	705	9/7	9/15	10/13	45
			9/6		10/12	44

710
622
608
591
2531 3797 234

June 15th

	Century Patna	101	9/6	9/16	10/19	44
201		304	9/10	9/16	10/19	43
✓	Hd.R.	602	9/10	9/19	10/19	41
		702	9/10	9/18	10/19	41
			9/9		10/19	42
	ZENITH	102	9/6	9/15	10/14	48
202	C.I. 7787	301	9/8	9/15	10/14	47
		603	9/9	9/15	10/14	43
✓	(INTERMED.)	704	9/8	9/15	10/14	42
			9/8		10/14	45
	Magnolia	103	9/7	9/15	10/14	47
203	C.I. 8318	302	9/8	9/16	10/14	48
		601	9/9	9/16	10/14	44
	(304)	703	9/8	9/16	10/14	43
			9/8		10/14	46
	B4512A1-32,	104	9/18	9/1	9/25	42
204	Hill Sel x BBL	303	8/17	8/28	9/24	41
✓		604	8/19	8/29	9/24	39
	(4650)	701	8/19	8/29	9/24	38
			8/18		9/24	40
	Blue Rose	105	9/10	9/17		45
205	C.I. 1962	407	9/9	9/16		48
	(327)	506	9/11	9/18		44
		807	9/11	9/18	10/20	44
			9/10		10/20	45

many discolored glumes on 8/31

875			
509			
470			
555			
2409	3614	22.3	
514			
581			
477			
419			
1991	2987	18.4	
566			
498			
421			
510			
1995	2993	18.5	
528			
531			
457			
586			
2102	3153	19.5	
419			
487			
464			
344			
1714	2571	15.9	

206	HybMix 11-47-11-1, E. Short-Grain Bulk	106	9/9	9/17		37
		406	9/9	9/17		41
		507	9/12	9/19		37
	(166)	806	9/12	9/18	10/20	39
			9/11		10/20	39
207	B438A1-104-4, SmBR-BR41 x 8326	107	9/13	9/23		41
		408	9/12	9/23		43
		505	9/13	9/25		40
	(326)	805	9/13	9/23	10/20	40
			9/13		10/20	41
208	C6-I-25-12, BPxBR-R	108	9/13	9/23		44
		405	9/11	9/23		46
		508	9/12	9/25		43
	(322)	808	9/12	9/23	10/20	42
			9/12		10/20	44
209 ✓	Roxoro C,I,1779	201	10/10			45
		305	10/10			47
		607	10/10			49
	(332)	803	10/10			43
			10/10		11/25 (NLM)	45
210 ✓	TP 49	202	10/3			45
		308	10/4			45
		605	10/4			41
	(330)	801	10/3			42
			10/4		11/25 (NLM)	43

707			
520			
520			
602			
2349	3524	21.8	
446			
477			
429			
363			
1715	2573	15.9	
469			
540			
444			
499			
1952	2928	18.1	
455			
398			
380			
306			
1539	2309	14.3	
565			
508			
497			
397			
1967	2951	18.2	

211	Texas Patna C.I. 8321	203	10/6			47
		306	10/4			46
	(331)	608	10/4			45
		802	10/4			44
			10/5		11/25 (Hm)	46
212	C3-12, 7/8 Rex.	204	10/5			45
		307	10/4			46
	(329)	606	10/6			43
		804	10/6			43
			10/5		11/25 (Hm)	45
213	Improved Bluebonnet	205	9/24	10/3		44
		401	9/22	10/3		43
	(319)	504	9/24	10/5		45
		708	9/24	10/5	11/5	45
			9/24		11/5	44
214	Bluebonnet C.I. 8322	206	9/18	9/28		47
		404	9/17	9/29		47
		501	9/17	9/29		46
	(315)	707	9/17	9/29	10/26	44
			9/17		10/26	46
215	Bluebonnet 50	207	9/19	9/29		44
		403	9/18	9/30		44
	(311)	502	9/17	9/30		43
		706	9/17	9/30	10/26	47
			9/18		10/26	43

435			
422			
333			
316			
1506	2259	13.9	
485			
453			
377			
378			
1693	2540	15.7	
569			
631			
457			
458			
2115	3173	19.6	
484			
455			
420			
355			
1714	2571	15.9	
546			
540			
478			
482			
2046	3069	18.9	

B459A1-95-16-3,	208	9/22	9/30		43
216 Hill Sel x Rexark	402	9/21	10/1		41
	503	9/21	10/1		41
	(311) 705	9/20	10/1	10/30	40
		9/21		10/30	41

C.I. 8970 grand runs ripe on 9/3/53 when bore injune

An South exh. grand runs are fully bucked 9/21. In this Century or T 141 Hill Red?, looks very good. Cut fa Crane row spacing exp. (for all Crosses a number of Nath Crosses planted,

546			
567			
469.			
522			
2104	3156	19.5	

Sown July 10, South Block

221	Zenith	101	9/26	10/8	11/9	40
		206	9/26	10/8	11/9	39
		308	9/26	10/6	11/9	40
		401	9/27	10/8	11/9	40
			9/26		11/9	40
222	Magnolia	102	9/26	10/8	11/9	40
		208	9/25	10/8	11/9	39
		304	9/25	10/6	11/9	41
		407	9/26	10/8	11/9	40
			9/26		11/9	40
223	Century/Patna	103	9/26	10/8	11/11	38
	3rd	201	9/27	10/8	11/11	37
		302	9/26	10/6	11/11	36
		408	9/26	10/8	11/11	38
			9/26		11/11	37
224	B4512A1-32 Hill Sc/x BBt 4650	104	9/14	9/24	10/17	36
		202	9/15	9/24	10/16	36
		303	9/13	9/24	10/16	37
		406	9/12	9/24	10/16	36
			9/14		10/16	36
225	B4512A1-32 Hill Sc/x BBt 2165	105	9/14	9/24	10/18	35
		207	9/15	9/24	10/18	37
		309	9/13	9/24	10/16	36
		410	9/13	9/24	10/16	35
			9/14		10/17	36

WT

WT

WT

WT

WT

looks better than Mag, prob more tolerant to old

on 8/3 these sets are outgrowing Cent. + for ahead of BBt

484			
503			
578			
254			
1819	2729	16.8	
435			
491			
466			
494			
1866	2799	17.3	
429			
315			
456			
552			
1752	2628	16.2	
346			
353			
417			
426			
1542	2313	14.3	
356			
378			
414			
350			
1498	2247	13.9	

226	Bluebonnet	106	10/10			
		204	10/10	10/26	Cut 12/7	
		305	10/10			
		403	10/10			
			10/10		12/7	
227	Improved Bluebonnet	107	10/20			
		203	10/20	11/3	Cut 12/7	
		306	10/20			
		402	10/20			
			10/20		12/7	
228	Bluebonnet 50	108	10/10	–		
		205	10/12	–	Cut 12/7	
		301	10/13	10/26		
		409	10/13	–		
			10/12		12/7	
229	Bazet Se	109	9/9	9/15	10/14	37
		209	9/9	9/15	10/12	38
	Missouri	310	9/9	9/15	10/11	38
		405	9/9	9/15	10/11	43
			9/9		10/12	39
230	C.I.8970	110	8/24	9/1	9/24	27
		210	8/24	8/31	9/24	29
		307	8/24	9/1	9/24	28
		404	8/24	9/1	9/24	34
			8/24		9/24	30

3rd series pro acct Loeb

Better than BBt on 8/3
Considerably taller negs with than
BBt 50 on 9/1

Better than BBt on 8/3
about like BBt on 9/1

Far ahead of others & some better than
8970 on 8/3. Diff'y BBt almost as go

Far ahead of all else but Boy the on 8/3

264		
343		
319		
266		
1192	1788	11.0
167		
159		
228		
63		
617	926	5.7
349		
382		
258		
325		
1314	1971	12.2
486		
548		
565		
638		
2237	3356	20.7
122		
140		
206		
185		
653	980	6.0

73 North Block Single 4-row plot

Sown July 18 ~~No~~

231 B45/2A1-20 204 9/20 9/28 10/25 40
H.11 Sel x BBt
2152
Hr 11/10 (4 rows)

232 B45/2A1-20 205 9/23 9/30 10/28 40
H.11 Sel x BBt Taller & later than others
2156
Hr 11/10 (4 rows)

233 B45/2A1-32, 206 9/20 9/28 10/25 38
H.11 Sel x BBt
2163
Hr 11/10 (4 rows)

234 B45/2A1-32 208 9/20 9/28 10/25 38
H.11 Sel x BBt
2164
Hr 11/10 (3 rows)

235 Century Patna 304 10/11 10/22 39
H.R.

Single plot trees			
487			
421			
488			
544			
1940	2910	18.0	
540			
541			
593			
528			
2202	3303	20.4	
544			
545			
500			
438			
2027	3041	18.8	
449			
430			
292			
1171	2342	14.4	
581			
501			
478			
441			
2001	3002	18.5	

236	Magnolia	305 304	10/5	10/20		40
237	C.I. 8629	306	10/11	10/?		37
		Tull 15	found 3 long-grain plants, look good, are L. Wright grain type			
238	Krasnodar ?	307	9/11	9/18	10/18	39
		Tull 15				

Extra plots (full length)

39	C.I. 8970		9/3	9/11	10/5 28
40	Bonette		9/15	9/23	10/2 43
	B45 12A1-		9/20	9/30	
	B45 12A1-		9/20	9/30	
	B45 12A1-		9/23	10/4	
	B45 12A1-		9/20	10/4	

Early plots indicate that very light rates of seed

Use purplish red aqueous no acne. short stain

Nov 10/19

390
506

should be used when to attack

leaving bodily on 10/19 return
family leaving today

445
402
410
504
1761 2642 16.3

398
427
377
1202 2404 14.8

531

March 18

241 Lacross 101 7/3 7/16 8/14 42
(10) Hr 14 feet
Hr 8/17

242 Colusa 102 7/3 7/14 8/10 42
(13) Hr 15 feet
Hr 8/17

243 B45-15-1-3, 103 7/9 8/11 46
Hill Med x Z
(14) Hr 16 feet
Hr 8/17

244 B4564A2-11-4-3, 104 7/6 7/15 8/9 43
Bruin Sel x Z Hr 14 feet
(15) Hr 8/17

245 P.I. 184, 911 105 9/10 9/20 8/8 55
(T-1)
(33) Hr 13 feet
Hr 8/17

2 nuns of Dap on North London

APRIL 15

			WT	Wt
7/18 Hr	7/29 9/8	8/29		43
7/13 Hr	7/27 9/8	9/18	+7/10	42
7/19 Hr	7/30 9/8	8/18		46
7/14 Ho	7/22 8/25	8/13		37
7/17 Hr	7/28 8/25	8/15		49

May 24

8/17	8/27	10/2	42

WT = + on 8/17
Hv 10/5

8/11	8/18	9/23	44

Hv 10/5

8/16	8/30	9/25	43-46

Hv 10/5
WT - + on 8/17

8/14	8/26	9/20	41

Hv 10/5

8/16	8/25	9/19	53

Hv 10/5

June 15

9/4	9/16	10/17	41	
	12n	10/19		
8/27	9/8	10/7	42	
	12n	10/19		
9/6	9/18	10/15	42	
	12n	10/19		
9/5	9/14	10/9	38	
	12n	10/14		
9/6	9/16	10/7	43	
	12n	10/19		

July 18

Seeding Order			
101	9/25	10/6	1
102	9/21	10/3	11/8
103	10/3	10/18	
201	10/1	10/12	11/5
202	9/29	10/8	10/30

March 18

246 B455B2-11-2, BBtx(TPxR-SBR) 106 7/24 8/5 8/25
Hu 8/25
(36)

247 C50-4059, RxZ 201 7/11 7/20 8/15 46
Hu 8/17
(37) Hu 15 feet

248 Col 47-1470 202 7/6 7/14 8/15 43
Hu 8/17
(39) Hu 12 feet

249 Rexark 203 7/20 7/29 8/26 52
Hu 8/25

250 C50-4054 204 7/8 7/15 8/11 44
Hu 8/17 + 15 feet

April 15

9/1	8/14	9/5 Dr 9/8		42
7/21	7/30 Dr 9/8	8/18		47
7/16	7/27 Dr 9/8	8/22		41
7/31	8/6 Dr 9/8	9/4		45
7/19	7/28 Dr 9/8	8/22		43

May 24

9/1	9/15	10/8	45
8/28	9/4 Hr	10/3 10/5	45
8/15	8/23 Hr	9/21 10/5	39
8/29	9/6 Hr	10/3 10/5	43
8/18	8/26 Hr	9/28 10/5	40

June 15

9/18 9/28 10/24 38

Hv 11/8

9/13 9/24 10/17 43

Hv 10/19

Were quite vigorous at June date.

9/3 9/15 10/13 40

Hv 10/19

Clubs good at June date.

9/12 9/23 10/19 43

Hv 10/19

9/8 9/16 10/15 40

Hv 10/19

July

Sdg Order			
203	10/20	11/5	
301	10/13	10/27	12/7
302	9/29	10/9	
303	10/8		12/7
104	10/10	10/22	

tt on 1st Trip 10/3

March 18

B4536A1-3-1-3, 205 7/15 7/26 8/19 49
251 R-7689x Hill Med. Drug mutt
(46) Hv 8/28

B4511A1-18-2-3, 206 7/16 7/25 8/18 48
252 Hill Sel x Hv 15 ft 8/17
(TPxR-SBR) (48)

C.I. 5094 301 7/18 7/29 8/23 50
253 Hv 8/25
(49)

B4530A1-36-2-1, 302 7/8 7/17 8/13 40
254 TP49x Hill Med Hv 8/17 and 15 feet
(51)

B455A1-25-1-1, 303 7/22 8/1 9/25 43
255 BBtx (TPxR-SBR) Hv 8/25
(53)

April 15

7/27	8/3	8/28		48
	Hv	9/8		
7/28	8/5	9/4	+	42
	Hv	9/8	+ W Tom 7/21	
7/28	8/5	8/25		44
	Hv	9/8		
7/21	7/31	8/Hv3		46
	Hv	9/8		
7/30	8/5	9/3		40
	Hv	9/8		

May 24

8/25	9/5	10/2	42
	Hv 10/5		
9/2	9/12	10/8	41
9/3	9/13	10/10	43
8/22	9/3	10/1	42
	Hv 10/5		
9/4	9/13	10/10	37
	Hv 10/19		

June 15

9/13	9/25	10/21	41
Lodged bodily Hr 11/8			
9/22	9/30	10/26	39
Hr 11/8			
9/24	10/1	10/28	41
9/13	9/25	10/27	39
Dr 11/8			
9/27	9/30	10/26	34
Hr 11/8			

July 10

Sdg Order			
105	10/10	10/27	12/7
106	10/21		
107	11/5		
108	10/9	10/22	12/7
109	10/21		

March 18

256	Century 52		304	7/18	7/29	8/23	48
				Hv 8/25			
		(57)					
257	Nira		305	7/30	8/11	9/4	60
	C.I. 2702			Hv 9/8			
		(59)					
258	Rogue		306	7/22	8/1	8/25	51
	B46-4799			Hv 8/25			
		(65)					
259	Sunbonnet		401	7/20	7/30	8/24	56
				Hv 8/25			
		(68)					
260	B459A3-47-2-2		402	7/29	8/4	9/3	51
	Hill Sel x Rexark			Hv	9/8		
		(72)					

wt T. + wt 21

April 15

7/28	8/6 Lv 9/8	9/12	45
8/4	8/15 Lv 9/8	9/9	60
8/2	8/10 Lv 9/8	9/4	45
8/1	8/8 Lv 9/8	9/3	50
8/7	8/18 Lv 9/8	9/8	45

May 24

8/27	9/8	10/8	43
	Hr 10/19		
9/14	9/23	10/18	59
	Hr 10/19		
9/7	9/15	10/12	48
	Hr 10/19		
9/6	9/13	10/12	51
	Hr 10/19		
9/1	9/19	10/16	46
	Hr 10/19		

June 15

9/16	9/25	10/25	42
	Hr 11/8		
9/29	10/6	11/6	47
	Hr 11/8		
9/24	10/2	10/28	38
	Hr 11/8		
9/22	10/2	10/28	46
	Hr 11/8		
9/25	10/5	11/8	44
	Hr 11/8		

July

Sdg Order		
110	10/22	11/8
111	11/6	
112	11/1	
113	11/1	
114	11/6	

March 18

261 B459A1-118-2-1, 403 7/21 8/1 8/26 48
Hill Sel x Rexark
(93) Harv 9/8

262 B47-3741-15-15, 404 7/24 8/3 8/29 48
BBt Sel.
(77) Harv 9/8

263 Caloro 405 Early tillers 7/15 9/6 47
C.I. 1561-1 (Bulk = 7/28) 8/6
(98) Harv 9/8

264 Hyb Mix 12-47-6-1-2, 406 8/8 8/18 9/16 48
Late Short Grain Bulk
(130)

C.I. 8971 Ist head in gone date on 7/30 full 8/10 ~~~
[illegible] of plants May date 1st head on 8/8 full 8/18

April 15

8/2 8/13 9/5 +WT 8/3 45
Hr 9/8

8/3 8/12 9/8 45
Hr 9/8

8/2 8/11 9/8 ++ WT 8/3 47
Hr 9/8

8/9 8/18 9/18 46
Hr 10/5

May 24

9/5	9/17	10/16	43
	Hv 10/19		
9/4	9/17	10/12	42
	Hv 10/19		
8/11	8/29	9/18	43
	Hv 10/5		
8/25	9/4	10/4	42
	Hv 10/5		

June 15

9/25	10/2	11/8	41
	Hv	11/8	
9/24	10/1	11/5	39
	Hv	11/8	
8/27	9/7	10/6	37
	Hv	10/14	
9/5	9/13	10/19	37
	Hv	10/19	

July

Sdg Order			
115	11/1		
116	11/4		
117	9/18	9/26	11/1
118	9/25	10/2	11/5

See field nursery book for rod row note, page 121

301	B45-15-1-3-5, Hill Med x Z	122	7/12	7/20	8/17	42
		222	Segmat. + ht			1
		(302) 311	7/11	7/22	8/17	43
		410				
			7/12		8/17	42
302	Early Prolific C.I. 5883	123	7/16	7/23	8/24	53
		225				
		(305) 308	7/16	7/24	8/24	53
		408				
			7/16		8/24	53
303	B4564A211-4-3, Bruin Sel x Z	124	7/12	7/20	8/15	49
		223				
		(15) 310	7/10	7/21	8/15	47
		414				
			7/11		8/15	48
304	Zenith C.I.	125	7/16	7/23	8/21	52
	Winterman seed	224				
		312	7/16	7/23	8/21	50
		411				
			7/16		8/21	51
305	44C507, R. Purf x Mag.	126	7/12	7/20	8/15	45
		226				
		(7) 313	7/12	7/20	8/15	45
		409				
			7/12		8/15	45

lb. yield X .6173 = BBb Acre

Lodging

0

0

0

0

0

Has many stude leads

Has many stude leads in 3rd repl. some in 4th and

3.90 − (3.90 × 12.35) ÷ 86 × 100 = 14% moist

Changed to 14% moisture

1 % moist	2 % moist	No. I	No. II	Total lbs.	lbs.	Test
3.90	12.35	3.45	12.10	3.98	3.52	7.50		
3.53	11.85	3.45	11.85	3.62	3.53	7.15		
2.92	12.35	2.55	12.35	2.98	2.60	5.58		
3.97	12.60	3.33	12.35	4.03	3.40	7.43		
						27.66	17.1	
4.40	12.10	4.50	11.85	4.50	4.62	9.12		
4.13	12.35	4.68	12.35	4.21	4.77	8.98		
5.18	13.10	4.79	13.23	5.23	4.84	10.07		
4.37	12.10	4.53	12.60	4.47	4.60	9.07		
						37.24	23.0	
4.63	12.95	4.42	12.70	4.69	4.49	9.18		
4.69	13.20	4.42	13.45	4.73	4.45	9.08		
4.22	13.58	4.56	13.45	4.24	4.59	8.83		
4.42	13.65	4.43	13.40	4.44	4.47	8.91		
						36.00	22.2	
4.42	12.75	4.67	12.50	4.49	4.76	9.25		
4.49	12.50	4.36	12.50	4.57	4.43	9.00		
4.30	12.75	4.34	12.75	4.36	4.41	8.77		
4.41	12.50	4.69	13.25	4.49	4.73	9.22		
						36.24	22.4	
5.33	13.84	5.01	13.95	5.34	5.01	10.35		
5.63	14.05	4.97	13.84	5.63	4.98	10.61		
5.09	13.84	5.05	13.84	5.10	5.06	10.16		
5.61	13.95	5.49	13.84	5.61	5.50	11.11		
						42.23	26.1	

	Magnolia	127	7/16	7/22	8/20	51
306	C.F. 8318	227				
		(304) 309	7/12	7/22	8/20	50
		412				
			7/14		8/20	51
	Century Patna	128	7/18	7/25	8/24	50
307		228				
		NdRoW 314	7/18	7/26	8/24	47
		413				
			7/18		8/24	49

1		2				
4.79	12.50	4.58	12.25	4.81	4.61	9.42
5.02	12.50	4.84	12.75	5.10	4.91	10.01
5.18	13.25	4.85	12.50	5.22	4.93	10.15
4.15	12.75	4.17	12.50	4.21	4.24	8.45
						38.03 23.5
4.01	13.46	4.62	13.46	4.03	4.65	8.68
4.71	13.21	5.41	14.40	4.76	5.38	10.14
4.30	13.02	4.48	13.46	4.35	4.51	8.86
3.77	13.00	4.10	13.16	3.81	4.14	7.95
						35.63 22.0

3563
33+4
6907
3 3 30

308	Cat47-1470	108	7/15	7/22	8/20	43
		212				
		(308) 303	7/14	7/22	8/20	44
		405				
			7/15		8/20	44
309	Rexark C.I.8644	109	7/24	8/6	9/3	51
		214				
		(309) 302	7/23	8/6	9/3	51
		402				
			7/24		9/3	51
310	Century Patna	110	7/18	7/26	8/22	48
		210				
		(HdRow) 301	7/18	7/29	8/22	49
		401				
			7/18		8/22	49
311	B459A1-95-1-2, HillSol x Rexark	111	7/31	8/7	8/31	
		213				
		(311) 306	7/31	8/6	8/31	47
		404				
			7/31		8/31	47
312	B51-1030, Short Cent.	112	7/17	7/25	8/21	45
		211				
		(44) 304	7/18	7/25	8/21	44
		406				
			7/18		8/21	45

Short stature, more irregular than Cent, & Short Cent

Rather hard for stubbly or blighted some leaning on 9/15 but over ripe

Standing very well on 9/15

Possibly sl shortening growth than Cent on 7/6
Several inches shorter straw than Cent
as short as Col 1470, Dong
appears to have considerably more dead leaves and more stunted heads than Cent. 2a
more like R x L in this respect

3.21	10.68	3.07	10.38	3.34	3.20	6.54	
2.67	10.38	2.38	10.54	2.78	2.48	5.26	
2.98	10.54	3.73	10.68	3.10	3.87	6.97	
3.18	10.82	3.29	10.82	3.30	3.41	6.71	
						25.48	15.7
2.09	10.68	2.95	10.54	2.17	3.07	5.24	
3.21	10.82	3.00	10.97	3.33	3.10	6.43	
3.25	10.82	3.28	10.68	3.37	3.41	6.78	
2.35	10.82	2.30	10.82	2.44	2.38	4.82	
						23.27	14.4
3.81	10.17	3.60	10.33	3.98	3.76	7.74	
2.98	10.33	3.97	10.17	3.10	4.15	7.25	
4.01	10.33	4.54	10.63	4.19	4.72	8.91	
4.55	10.49	4.63	10.63	4.73	4.81	9.54	
						33.44	20.6
2.12	10.37	2.21	10.37	2.21	2.30	4.51	
2.41	10.37	2.41	10.37	2.51	2.51	5.02	
2.29	10.37	2.35	10.37	2.38	2.45	4.83	
2.41	10.37	2.41	10.17	2.51	2.62	5.13	
						19.49	12.0
3.17	10.78	2.65	10.78	3.29	2.74	6.03	
3.53	11.07	3.00	10.92	3.65	3.10	6.75	
3.71	11.20	3.38	10.92	3.83	3.50	7.33	
3.87	10.78	4.16	11.07	4.01	430	8.31	
						28.42	17.5

313	C50-4054, RxZ	113	7/16	7/22	8/23	47
		209				
		(41) 305	7/16	7/25	8/23	46
		403				
			7/16		8/23	47
314	B455A1-25, BBtx(TPxR-SBR)	114	7/30	8/7	9/3	44
		208				
		(313) 307	7/30	8/8	9/2	44
		407				
			7/30		9/3	44

many sterile heads
Excellent straw type
leaves & stems stay green
when over ripe
Promising type

3.07	10.27	3.02	10.27	3.20	3.15	6.35
3.07	10.27	3.72	10.59	3.20	3.87	7.07
3.78	10.27	3.87	10.43	3.94	4.03	7.97
3.77	10.59	3.92	10.59	3.92	4.07	7.99
						29.38

18.1

1.60	10.43	1.92	10.59	1.66	2.00	3.66
2.70	10.59	3.43	10.87	2.80	3.56	6.36
2.86	10.73	2.33	10.73	2.97	2.42	5.39
2.69	10.59	3.00	10.87	2.80	3.10	5.90
						21.31

13.2

315	Sunbonnet	129	7/26	8/3	9/2	57
		234				
		(68) 317	7/26	8/3	9/2	56
		and Crowley 417				
		seed 68	7/26		9/2	57
316	Bluebonnet	130	7/28	8/5	9/2	57
	C.I. 8322	232				
		(315) 319	7/28	8/5	9/2	57
		420				
			7/28		9/2	57
317	Bluebonnet-50	131	7/28	8/5	9/2	52
		235				
		(Hd Row) 320	7/28	8/4	9/2	52
		421				
			7/28		9/2	52
318	Fortuna	132	7/27	8/5	9/3	57
	C.I. 1344	230				
		316	7/27	8/6	9/3	56
		419				
			7/27		9/3	57
319	Improved Bluebonnet	133	8/1	8/9	9/6	52
		233				
		(Hd Row) 321	8/1	8/9	9/5	54
		418				
			8/1		9/6	53

exp 2, 4 mos Crowley, Rep Yield
Rpl 1+2 have 3 mos each Summer

sl				
bod				
sl				
sl				
T-25				
sl				
sl				
sl				
sl				
T-25				
0				
0				
0				
0				
bod				
bad				
bad				
bad				
50				
0				
0				
0				
0				
0				

as tall as B&S & slender
leaning badly on 9/Sept 1st
and 4th, Some lodging in 2nd &
no better than B&S

Some lodging on 9/8

Standing perfectly on 9/8
definitely superior to Sunbon

Tangled & broken over on 9/8

as short as B&S & O, V. good
green straw

4.69	10.82	4.71	10.97	4.86	4.87	9.73	
3.90	10.82	4.07	10.97	4.05	4.21	8.26	
4.29	11.27	4.04	10.97	4.43	4.19	8.62	
3.96	11.12	3.93	10.97	4.09	4.07	8.16	
						34.77	21.5
4.94	10.97	3.80	11.27	5.12	3.92	9.04	
3.21	11.12	4.01	10.97	3.31	4.15	7.46	
3.80	10.97	3.39	10.82	3.93	3.51	7.44	
3.67	10.97	4.15	11.12	3.80	4.29	8.09	
						32.03	19.8
3.63	10.68	3.47	10.38	3.77	3.62	7.39	
4.19	10.68	4.42	10.97	4.35	4.58	8.93	
4.07	11.12	4.09	11.27	4.21	4.22	8.43	
3.90	11.12	3.80	11.12	4.03	3.93	7.96	
						32.71	20.2
4.65	10.54	4.10	10.82	4.84	4.26	9.10	
5.06	10.82	4.81	10.54	5.24	5.00	10.24	
4.10	10.68	4.14	10.68	4.26	4.30	8.56	
3.81	10.38	4.29	10.43	3.97	4.47	8.44	
						36.34	22.4
4.38	10.78	3.91	10.59	4.55	4.07	8.62	
3.99	11.00	4.13	11.07	4.13	4.27	8.40	
3.69	10.92	3.93	10.92	3.83	4.07	7.90	
4.55	10.78	4.13	10.92	4.72	4.28	9.00	
						33.92	20.9

320	B459A3-47, Hill Sel x Rexark	134	8/3	8/10	9/7	52
		229				
		318	8/3	8/10	9/7	54
		(321) 415				
			8/3		9/7	53
321	846-4799, Roque	135	7/28	8/5	9/1	52
		231				
		(320) 315	7/28	8/5	9/1	48
		416				
			7/28		9/1	50

Standing O.K. Start water
stream

Standing perfectly

4.68	11.67	4.94	11.67	4.80	5.07	9.87	
4.84	11.67	4.27	11.37	4.98	4.40	9.38	
3.84	11.52	4.20	11.67	3.95	4.31	8.26	
3.81	11.67	4.06	11.52	3.92	4.17	8.09	
						35.60	22.0
4.15	10.73	4.86	11.27	4.30	5.01	9.31	
4.71	11.37	4.94	11.37	4.85	5.09	9.94	
4.31	11.17	4.29	11.17	4.45	4.43	8.80	
4.25	11.17	4.17	11.17	4.40	4.30	8.70	
						36.75	22.7

322	C6-I-25-12, BR x BR-R	101	8/13	8/22	9/24	55
		204				
		333	8/13	8/22	9/24	59
		(322) 432	8/13		9/24	57
323	Hyb Mix-12-47-6-2, late Short gr. Bulk	102	8/5	8/15	9/17	47
		207				
		332	8/6	8/16	9/17	50
		(323) 435	8/6		9/17	49
324	Calrose	103	7/28	8/6	9/8	46
		202				
		(324) 335	7/28	8/6	9/8	49
		433	7/28		9/8	48
325	Caloro C.I. 1561-1	104	8/3	later than 8/11	9/10	47
		203				
	Cal. I.	331	8/4	8/9	9/10	49
		430	8/4		9/10	48
326	B438A1-104-4, SmBR-8R41 x 8326	105	8/15	8/25	9/24	52
		201				
		329	8/15	8/25	9/24	52
		(Hd Row) 429	8/15		9/24	52

+7/21

0

T

T

+7/21

T

+7/21

0

leaning on 9/22

leaning badly on 9/14, worse than calvo

leaning, but standing better than Calvo.

much stubby, more than C-6

3.88	12.10	3.76	11.85	3.97	3.85	7.82	
4.60	11.60	4.32	11.85	4.73	4.43	9.16	
4.34	11.35	4.45	11.85	4.48	4.56	9.04	
3.82	11.35	3.74	11.60	3.94	3.85	7.79	
						33.81	20.9
5.29	11.55	5.84	11.80	5.44	5.99	11.43	
5.91	11.80	5.96	11.55	6.06	6.13	12.19	
5.83	12.05	5.79	12.05	5.97	5.92	11.89	
6.26	12.25	6.21	11.25	6.38	6.41	12.79	
						48.30	29.8
4.68	9.50	4.50	9.75	4.93	4.72	9.65	
5.13	10.00	5.05	10.00	5.37	5.28	10.65	
4.79	10.00	4.81	10.25	5.01	5.02	10.03	
4.73	10.00	4.98	10.00	4.95	5.21	10.16	
						40.49	25.0
4.89	10.50	4.72	10.00	5.09	4.94	10.03	
5.83	10.25	5.94	9.75	6.08	6.23	12.31	
4.90	9.95	5.18	9.70	5.13	5.44	10.57	
4.85	9.70	5.17	9.25	5.09	5.42	10.51	
						43.42	26.8
3.62	11.95	4.00	12.15	3.71	4.08	7.79	
4.64	13.28	5.13	12.45	4.67	5.16	9.83	
5.19	11.95	5.00	13.33	5.31	5.03	10.34	
4.73	12.45	4.46	12.20	4.81	4.56	9.37	
						37.33	23.0

327	Blue Rose	106	8/12	8/19	9/20	57
	C.I. 1962	206				
	(327)	334	8/12	8/17	9/20	59
		434				
			8/13		9/20	58
328	B4325A1-77-6,	107	8/19	8/29		
	Bruin Sel x F-Red	206				
		334	8/19	8/29	9/25	
		434				
			8/19		9/25	—

+7/21

0

0

Some stunted weeds, beginning to lean on 9/24

1 plot green color than BK, ele on 6/25 leaves are leaning heavily on 8/7 look like over fertilization with nitrogen may droop 2 than TP 49 leaves form a horizontal cover over plot

considerable stunting

3.44	10.40	3.50	10.90	3.58	3.63	7.21	
4.47	11.40	4.04	11.80	4.60	4.14	8.74	
4.47	11.15	4.30	11.65	4.62	4.42	9.04	
4.33	11.90	4.68	11.65	4.43	4.80	9.23	
						34.22	21.1
3.55	13.23	3.42	13.35	3.58	3.44	7.02	
4.40	13.35	4.74	12.60	4.43	4.81	9.24	
4.91	14.16	4.17	13.47	4.90	4.20	9.10	
4.69	12.65	4.32	13.97	4.77	4.33	9.10	
						34.46	21.2

329	TP49	115	8/25	9/9	10/7	54
		218				
		322	8/23	9/8	10/5	55
	(Hd Row)	427	8/24		10/6	55
330	Rexoro C.I. 1779	116	9/1	9/15	10/14	55
		221				
		327	9/1	9/15	10/14	55
		428	9/1		10/14	55
331	Texas Patna C.I. 8321	117	8/19	9/3	9/27	60
		220				
		323	8/19	9/3	9/27	60
	(Hd Row)	426	8/19		9/27	60
332	B4527A1-48, TP49 x Rex.	118	8/26	9/10	10/6	51
		215				
		328	8/24	9/10	10/4	51
	(335)	422	8/25		10/5	51
333	C3-12, 7/8 Rex.	119	8/27	9/16	10/12	53
		217				
		324	8/25	9/14	10/12	55
	(329)	424	8/26		10/12	54

drooping leaves as compared with Rex

A very long plot & V good stand

Erect leaves

Erect leaves

Has shortest stem of any sel in Group, dries back fast like P.S.; a sl. grain like T.P. doesn't appear to be as long as Rex & T.P.

Watch. Has good stand

5.12	11.90	4.80	11.76	5.24	4.93	10.17	
4.63	11.47	4.76	11.47	47.7	4.90	9.67	
4.81	11.95	4.75	11.67	4.93	4.88	9.81	
4.99	11.95	4.64	11.72	5.10	4.77	9.87	
						39.52	24.4
4.30	13.16	4.25	13.46	4.34	4.27	8.61	
4.35	14.20	4.65	15.41	4.34	4.57	8.91	
4.56	13.16	4.42	14.50	4.60	4.40	9.00	
4.10	15.00	4.42	15.10	4.05	4.36	8.41	
						34.93	21.6
3.76	11.52	3.83	11.67	3.87	3.93	7.80	
3.94	11.37	3.86	11.22	4.06	3.99	8.05	
4.00	11.52	3.96	11.67	4.12	4.08	8.20	
4.20	11.81	3.95	11.81	4.30	4.05	8.35	
						32.40	20.0
4.29	12.15	4.03	11.71	4.38	4.14	8.52	
4.44	12.15	4.34	11.71	4.53	4.45	8.98	
4.52	11.71	4.53	12.55	4.64	4.60	9.24	
3.91	12.50	4.30	12.20	3.98	4.40	8.38	
						35.12	21.7
4.70	15.02	5.15	16.35	4.64	5.01	9.65	
5.05	14.65	4.87	15.00	5.01	4.81	9.82	
5.02	15.00	5.25	15.30	4.97	5.17	10.14	
4.86	14.50	4.84	13.75	4.84	4.85	9.69	
						39.30	24.

	C.I. 8343,	120	8/15	8/26	9/21	55
334	R x D	216				
	(scented)	(334) 326	8/15	8/26	9/22	53
		425				
			8/15		9/22	54
	B43-280-1-3,	121	8/20	9/2	9/26	55
335	T.P. Scl.	219				
		325	8/19	9/1	9/26	56
		(333) 423				
			8/20		9/26	56

O

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April 8		22
𝍸 𝍸 𝍸 𝍸 II	May	31
	June	30
114	July	31
145	Aug	31
	Sept	30

excellent tillering, narrow leaves on 7/16

4.69	12.30	5.01	11.80	4.78	5.14	9.92
4.94	11.85	4.84	11.35	5.06	4.99	10.05
5.21	11.85	4.52	12.10	5.34	4.62	9.96
4.58	11.47	4.81	11.47	4.71	4.95	9.66
						39.59 24.4
4.59	11.11	4.79	11.85	4.74	4.91	9.65
4.72	11.62	4.40	11.47	4.85	4.53	9.38
4.93	12.05	4.87	12.05	5.05	4.98	10.03
4.52	11.90	4.37	11.62	4.63	4.49	9.12
						38.18 23.6

May 7
May 7

April 8

B4512A1-20, Hill Sel x BBt (52-4647) 215
and
B4512A1-32, Hill Sel x BBt (B52-4650) 8 rows 216

8 North rows (B4512A1-32) Block S3-44E
are 1st head on 7/5. full 7/19
Rest of block, 1st head on 7/8. (full 7/19)
Excellent veg growth, tillered very much,
dark green color and leaf habit of BBt.
Some irregularity of heading which may
be due to genetic variability or possibly
seeding emergence. Suspect genetic var.
A1-32 later maturity than A1-20.

Rexoro Increase

Seed from 1953 Head Row Block.
Sown 4/9/53. Blocks S342E; 43E

 Century Head Row

Century Patna - 231 Head Row

Heads from 1952 Head Row Block
Blocks S3 - 38E, 39E, 40E, 41E. Sown 4/7/5

1st hd 7/16

BBt 50 Head Row

Bluebonnet 50 Head Row

Heads from 1952 Head Row Blocks

Sown 4/9/53 Blocks S3-37 W; 38 W; 39 W; 40 W

9 row from N, 2nd Twin

Block 38 legs not as erect as average BBs probably beardless

Sunbonnet Increase

Sunbonnet Increase, (Crowley Found. seed used)

Sown 4/16/53.

Block S3-22E

TP49 Head Row

TP49 Head Rows

Seaberg panicles Used

Blocks-S3-20E; 21E

Sown: 4/13/53

Blue Rose Increase

1952 F. Plot Seed Used

Block - S 3-19E

Sown: 4/18/53

Zenith Increase

Zenith Increase

Winterman Cert. Seed Used

Block - S6 - 14E

Sown: 4/16/53

1st head 7/18.

Rue v. early plant (1st bk 7/10) in 2nd row from north (East 1/3) row
Same

B438A Head Row

B438A1-104 Head Rows.

Used 8 Panicles from differ
families; 3 full length rows
(24 Panicles) per family.

Blocks; S3-10E; 11E; 12E

Sown: 4/16/53

9 trace rst Tip on 7/21

North Block

4th pop. is tall wg 8/3

7 + 8 are tall

11 P is light blue green color, good.

Center Block

6th pop is dark green & more erect

7th is more drooping than most

Bluebonnet Increase

Used 1952 F. Plot Seed

Block - S3-13E

Sown: 4/16/53

Improved Bluebonnet Inc

Imp. Bluebonnet Increase

Used 1952 Head Row Seed

Blocks - 53-8E; 9E

Sown: 4/16/53

Texas Patna Increase

Texas Patna Increase

Used 1952 Head Row Seed

Block - S3 - 7E

Sown: 4/16/53

169

Century Patna Increase (7 Blocks)

1952 Head Row Seed used for Blocks-S3-~~0E~~; 1E; 2E; 3E; 4E

Gamma Foundation Seed used for Blocks S3-5E; 6E;

Sown: 4/23/53 with 8 hole Grain drill.

Fertilized twice or about 100 #N per acre.

1st head 7/22.

73 +

74 +

75

72 best

71

28
27
30
31
32

To harvest (9/7)

184
169
170
171
172
145

Cut
11/8

189
190
191
192
205
206
207
208
213
214
215
216
221
222
223
224

cut on 11/8/53

149
151
153
154
155

264 Mon

9/23 cut

165
166
167
168

182
183

156 overripe
181 cut 10/1
204

161
150 cut 10/5
152

162
163+164 cut 10/19
193
194
195
196
185
186
187
188
201
202
203
229
230

JOURNAL

1953 Vandal Improved Seeding & Weighing Record by Wilson Fisher

SHAW'S

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Made in 180 Pages

Made in U.S.A.

TO REORDER, SPECIFY NUMBER ABOVE AND RULING INDICATED ON FRONT COVER.

49W

Irradiated rice

Planted May 24

Irrigated May 29

50W

Sown to flats pre merg treatments

Use poly heated which boiled seed, Watch soil in future for residual effect

~~ZERO~~ ~~E~~
49+50E CENT. INCR. HD. ROW

Planted April 23

FERT. 6-2
I 6-3
D 6-13
I 6-19
I 6-22
I 7-15
D 8-24 TO HARVEST

48 W

F2 populations

planted May 24

I	5-29
D	5-30
I	6-3
D	6-4
I	6-10
D	6-10
I	6-19
I	6-22
I	6-25
D	6-29
I	7-10

48 ~~1~~ E

Cent Quer (#1 Row)

Planted April 23

FERT.	6-2
I	6-3
D	6-13
I	6-19
I	6-22
I	7-15
D	8-24 TO HARVEST

47-W

F2 populations

Planted May 24

I	5-29
D	5-30
I	6-3
D	6-4
I	6-10
D	6-10
I	6-19
I	6-22
I	6-25
D	6-29
I	7-10
D	10-5 TO HARVEST

2 47-E [redacted] Cut Juice (Hd Row)

Planted April 23

FERT	6-2
I	6-3
I	6-10
D	6-13
I	6-19
I	6-22
I	6-25
I	7-15
D	8-24 TO HARVEST

46-WW

F2 Populations

Planted May 24

I	5-29
D	5-30
I	6-3
D	6-4
I	6-9
D	6-10
I	6-19
I	6-22
I	6-25
D	6-29
I	7-10

3

46-E Cut Worm (All Row)

Planted April 23

I	5-13
D	5-25
I	6-6
I	6-9
D	6-13
I	6-19
I	6-22
I	6-25
I	7-15
D	6-24 TO HARVEST

45-W

F2 populations

Planted May 24

I	5-29
D	5-30
I	6-3
D	6-4
I	6-9
D	6-10
I	6-19
I	6-22
I	6-25
D	6-29
I	7-10

~~4~~

45 E Cent 2nd (1st Row)

Planted April 23

I 5-13
D 5-25
I 6-6
I 6-9
D 6-13
I 6-19
I 6-22
I 7-15
D 8-24 TO HARVEST

44-W

F2 populations

Planted May 24

I	5-29
D	5-30
I	6-3
D	6-4
I	6/9
D	6-10
I	6-19
I	6-22
I	6-25
D	6-29
I	7-10

5
44-E

Cent 2nen. Gam Seed
planted April 23

I 5-13
D 5-25
I 6-2a
I 6/9
D 6-13
I 6-19
I 6-22
I 7-15
I 7-30
D 8-24 TO HARVEST

43-W

Smooth Zenetta

Planted May 21

I	5-29
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-12
D	6-15
I	6-19
I	6-22
I	6-25
D	6-29
I	7-10
D	9-18

TO HARVEST

8

43-E

Ant Increase (gram Lead)

Planted april 23

L	5 - 13	
D	5 - 25	
I	6 - 6	
I	6 - 9	
D	6 - 13	
I	6 - 19	
I	6 - 22	
I	7 - 15	
D	8 - 24	TO HARVEST

42-W

Crane Theorem

I	5 - 29
D	5 - 30
I	6 - 3
D	6 - 4
I	6 - 8
D	6 - 9
I	6 - 16
D	6 - 17
I	6 - 22
D	6 - 23
I	7 - 10

42-E

T Patna 2nd [redacted]

Planted April 16

D 4-21

D 4-21

I 5-7

D 5-25

I 6-6

I 6/9

I 6-16

I 6-22

D 7-3

I 7-15

I 7-30

I 8-12

I 9-8

D 9-16

TO HARVEST

HARVEST 10-8

3. SACKS

GREEN WT	DRY WT
128	117 ✓
115	105 ✓
115	105 ✓
	327

41-W

Crane Thesis

I	5-29
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-16
D	6-17
I	6-22
D	6-23
I	7+10
I	7-30

841-B

Imp B3t Inc Rust (1952 Test Rep

Planted April 16

T 4-21

D 4-21

I 5-7

D 5-25

I 6-6

I 6/9

I 6-16

I 6-22

D 7-3

I 7-15

I 7-30

I 8-12

D 9-3 TO HARVEST

HARVEST 9/12

4 SACKS GREEN WT 121

116

DRY. WT 74 122

109 83

103

107

393

40-W

Crane Thesis

I	5-29
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-16
D	6-17
I	6-22
D	6-23
I	7-10
I	7-10

840 [redacted]

Imp BBB Diversion (1952 Land Row)

Planted April 16

F 4-21
D 4-21
I 5-7
D 5-25
I 6-6
I 6-9
I 6-16
I 6-22
D 7-3
I 7-15
I 7-30
I 8-19
D 9-3 TO HARVEST

HARVEST 9/12

4 SACKS GREEN WT 115
126
117
88

DRY. WT 78
103
100
111
392

39-W

Bueche Trio

row 480 to end

planted May 24

I	5-29
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-12
D	6-15
I	6-20
I	6-22
I	6-25
D	6-29
I	7-10
I	7-30
D	10-6 TO HARVEST

~~10~~ 39-B

B438A Head Row
3 row families

Planted April 16

I 4-21
D 4-21
I 5-7
D 5-25
I 6-6
I 6-9
I 6-16
I 6-22
D 7-3
I 7-15
I 7-30
I 8-12
D 9-17 TO HARVEST

38-W

Breeding Nurs
Rows 4146 – 4790

Planted May 23

I	5-29
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-12
D	6-15
I	6-20
I	6-22
D	6-29
I	7-10
I	7-30
D	10-5 TO HARVEST

~~1138-E~~

B438A Head Row Hard 3 non-smut (Full length rows)

Planted April 16

~~D~~	4-21
D	4-21
I	5-7
D	5-25
I	6-6
I	6/9
I	6-16
I	6-22
D	7-3
I	7-15
I	7-30
I	8-12
D	9-17 TO HARVEST

37-W

Breeding Nurs.
Rows 4101-4745

Planted May 23

I	5-29
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-12
D	6-15
I	6-20
I	6-22
D	6-29
I	7-9
I	7-30
D	10-5 TO HARVEST

1237-E

B438A Head Row

Planted April 16

I	4-21
D	4-21
I	5-7
D	5-25
I	6-6
I	6/9
I	6-16
I	6-22
D	7-5
I	7-15
I	7/30
I	8-12
D	9-17 TO HARVEST

36—W

Breeding Nurs. Nos 3446-4094

planted May 23

I	5-21
D	5-30
I	6-3
D	6-4
I	6-8
D	6-9
I	6-12
D	6-15
I	6-20
I	6-22
D	6-29
I	7-9
I	7-30

~~13~~ 36-E

Bluehammet Incr (1927 Plot Seed)

Planted April 16

E	4-21
D	4-21
I	5-7
D	5-25
I	6-6
I	6-9
I	6-16
I	6-22
D	7-3
I	7-14
I	7-30
I	8-12
D	8-31

TO HARVEST

HARVEST 9-15

2 SACKS

GREEN. WT. 118
105

DRY. WT
112
98

35-W

Boarding Nurs
Nos 3401 – 4045

Planted May 23

I	5-24
D	5-30
I	6-3
D	6-4
I	6/9
D	6/10
I	6-12
D	6-15
I	6-20
I	6-25
D	6-29
I	7-9
I	7-30
I	8-12

~~14~~ 35-E

Zenith Inc (Watermen Ltd)

Planted April 16

D 4-21

D 4-21

I 5-7

D 5-25

I 6-5

I 6-9

I 6-16

I 7-14

I 7-30

D 8-17 TO HARVEST

HARVEST 9-10

2.5 ACKS GREEN WT

85

97

DRY WT 82

93

175

34-W

Breeding Nursery
Rows 2746 to 3390

Planted May 25

I	5-29
D	5-30
I	6-3
D	6-4
I	6/9
D	6/10
I	6-12
D	6-15
I	6-20
I	6-25
D	6-29
I	7-9
I	7-30
I	8-12

~~15~~ 34-E

6 Row Breeding Nurs.

Planted April 16

D	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6/9
I	6-16
I	7-14
I	7-30
I	8-12
D	10-7 TO HARVEST

33-W

Breeding Nurs 2701-3345

Planted May 25

I	5-29
D	5-30
I	6-3
D	6-4
I	6-9
D	6-9
I	6-12
D	6-15
I	6-20
I	6-25
D	6-29
I	7-9
I	7-30
I	8-10
I	8-12

~~16~~ 33-E

6-Row Breeding Nurs.

Planted April 16

D	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6/9
I	6-16
I	7-14
I	7-30
I	8-12
D	10-7 TO HARVEST

32 - W

Breeding Nurs. 2043 - 2690

Planted May 11
Rapid immediately after seeding

I	5 - 22
D	5 - 22
I	5 - 29
I	6/4
I	6 - 12
D	6 - 15
I	6 - 20
I	6 - 24
D	6 - 29
I	7 - 9
I	7 - 30
I	8 - 12

~~1732-E~~
6-Row Breeding Nurs.

Planted April 16
Emg 4-21
D 4-21

I 5-7
D 5-25
I 6-5
I 6/9
I 6-16
I 6-24
I 7-14
I 7-30
I 8-12
D 10-7 TO HARVEST

[redacted] 31 - W

Breeding Nurs. (Continued)

2001 — 2642

Planted May 11

Rained immediately after seeding

I	5-22
D	5-22
I	5-29
I	6/9
I	6-12
D	6-15
I	6-20
I	6-24
D	6-29
I	7-9
I	7-30
I	8-12

~~18~~ 31 ~~E~~

6 Row Breeding Nurs

Planted April 16"

D 4-21
D 4-21

I 5-7
D 5-25
I 6-5
I 6/9
I 6-16
I 6-24
I 7-14
I 7-30

I 8-12
D 10-7 TO HARVEST

30-W

Breeding Nurs. (World Collection)

planted May 28 29

I	5-29
D	5-30
I	6-3
D	6-4
I	6/9
I	6-16
D	6-16
I	6-20
D	6-29
I	7-9
I	7-30
I	8-12
D	10-6 TO HARVEST
	HARVEST 10-1
I	10-16

~~19~~ 30-E

Blue Rose Sweet

Used 1952 field plot seed

Planted April 13

I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6/9
I	6-16
I	6-24
D	7-3
I	7-14
I	7-30
I	8-12
D	9-18

TO HARVEST

29-W

Breeding Mats. (World Collection)

Planted May 28 '29

I	5-29	
D	5-30	
I	6-3	
D	6-4	
I	6/9	
D	6/10	
I	6-16	
D	6-16a	
I	6-20	
D	6-29	
I	7-9	
I	7-29	
I	8-12	
D	10-6	TO HARVEST
I	10-16	HARVEST 10-15

~~20~~ 29-E

TP49 Head Row (Seeding)

Planted April 13

I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6/9
I	6-24
D	7-3
I	7-14
I	7-29
I	8-12
I	8-14
D	9-29 TO HARVEST

28 – W

F, plants (transplanted)

PLANTED 4-31-5-1

I	5 – 7
D	6 – 7
I	5 – 29
I	6 / 9
D	6 – 16
I	6 – 24
I	7 – 13
I	7 – 29
I	8 – 12
I	10 – 14

~~21~~

28-E

TP 49 Head Row (Seeding heads)

planted 13

I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6-9
I	6-16
I	6-24
D	7-3
I	7-13
I	7-29
I	8-12
I	8-14
D	9-29 TO HARVEST

Not harvested

27-W

Single 7. Plots, group 1

Planted 4-18

I 4 - 21
D 4 - 22
I 5 - 7
D 5 - 26
I 6 - 5
I 6 - 9
I 6 - 10
I 6 - 24
I 7 - 13
I 7 - 29
D 8 - 17 TO HARVEST

~~22~~

27-B

Sunhonnet Queen (Corolla)

planted april 16

I 4-21
D 4-21
I 5-7
D 5-25
I 6-5
I 6/9
I 6-16
I 6-24
D 7-3
I 7-13
I 7-29
I 8-14
D 8-31 TO HARVEST

3 SACKS HARVEST 9-15
GREEN. WT 119
116
24

DRY. WT. 114
110
22

246

[redacted] 26 – W

Single T. Plots, Group 2

planted 4-18

I	4 – 21
D	4 – 22
I	5 – 7
D	5 – 26
I	6 – 5
I	6 – 9
I	6 – 16
I	6 – 24
I	7 – 13
I	7 – 29

~~23~~ 26 - E

yield mus (E med-gr)

group 1

Planted april 9

D	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6/9
I	6-16
I	6-24
I	7-13
I	7-29
D	8-11 TO HARVEST

25-W

Single Field Plots Group 3

planted April 18

I	4 - 21
D	4 - 22
I	5 - 7
D	5 - 26
I	6 - 5
I	6 - 9
I	6 - 16
I	6 - 24
D	7 - 3
I	7 - 13
I	7 - 29

~~24~~ 25-E

yield trials (E long group 2)

planted april 9

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6-9
I	6-16
D	6-24
I	7-3
I	7-13
I	7-29
D	8-2 TO HARVEST

24-W

Single Seed plots, Group 4

planted April 18

I	4 - 21
D	4 - 22
I	5 - 7
D	5 - 26
I	6 - 5
I	6 / 9
I	6 - 16
I	6 - 24
D	7 - 3
I	7 - 13
I	7 - 29

~~25~~ 24 B

Yield Mrs (Mid long
Group 3

Planted April 9

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6/9
I	6-16
I	6-24
D	7-3
I	7-13
I	7-29
D	8-25 TO HARVEST

23-W

Single field plots - group 5
planted April 18

I	4-10
D	4-11
I	4-21
D	4-22
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
D	7-3
I	7-13
I	7-28
I	8-14

~~26~~ 23 E

Yield Trns. (Late)

planted April 9 groups 5

D	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-25
I	6-5
I	6-8
I	6-15
I	6-23
D	7-3
I	7-13
I	7-28
I	8-18
D	9-29 TO HARVEST

22-W

Field plots, group 4, repl A & B
planted April 7

L	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-7.6
I	6-5
I	6-8
I	6-15
I	6-23
D	7-3
I	7-13
I	7-28
I	8-14
D	9-18 TO HARVEST

27 22-E

Yield Mira Group 4

planted april 9

I- 4-16

D 4-11

I 4-21

D 4-21

I 5-7

D 5-25

I 6-5

I 6-8

I 6-15

I 6-23

D 7-3

I 7-13

I 7-28

I 8-18

D 9-18 TO HARVEST

21-W

Field Plots, Group 2, rpl A+B
planted April 7

D	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
I	7-13
I	7-28
I	8-20
D	8-24

TO HARVEST

28 21-E

March Late Sky

planted March 18

I	~~3~~-28	D 3-~~30~~
I	4-13	D 4-13
I	4-21	D 4-21
I	5-7	
D	5-25	
I	6-5	
I	6-8	
I	6-15	
I	6-23	
I	7-13	
I	7-28	
D	9-13	TO HARVEST

1st emerged 3/26

fuel April 8

20-W

Field Plots group 5, rep A & B
planted April 7

D	4-10
D	4-11
I	4-21
D	4-21
I	5-1
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
D	7-3
I	7-13
I	7-28
I	8-20
I	9-13
D	9-29 TO HARVEST

~~29~~ 20-[redacted]

April Date Sdy

Planted April 15

I	4-15
D	4-15
I	4-21
D	5-25
I	6-5
I	6-8
I	6-15
I	6-23
I	7-11
I	7-28
I	8-12
D	10-22 TO HARVEST

19 - W

Field Plots, Group 1, rye A & B
planted April 7

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
I	7-11
I	7-28
D	8-10 TO HARVEST

~~30~~ 19 [redacted]

May Date Ady

LANTED	5-24
	5-26
D	5-27
	6-2
D	6-3
I	6-8
D	6-9
I	6-15
I	6-23
D	7-3
I	7-11
II	7-28
I	8-12
D	10-30 TO HARVEST

18-W

Field plots, Group 3, rep 1 A & B

planted april 8

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
D	7-3
I	7-11
I	7-28
I	8-12
D	8-26 TO HARVEST

~~31~~ 18. E June Rabbit

PLANTED 6-15 1 stem very full !!

I	6-15
D	6-16
I	6-22
D	6-23
I	7-11
I	7-28
I	9-14
I	10-14
D	11-9 TO HARVEST

17-W

Field plots, Group 2, rep I & D
Planted April 8

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
I	7-11
I	7-28
I	8-19
D	8-24 TO HARVEST

~~32~~ 17-B

July Date Ldg

PLANTED 7-10 1st emerg 7/14
I 7 - 10 full " 7/17
D 7 - 11
~~I~~ 7 - 28
I 8 - 13
I 8 - 18
I 9 - 18
I 10 - 14
D 11 - 9 TO HARVEST

16 - W

Field plots, Group 1, rep C & D

Planted April 8

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
I	7-11
I	7-28
D	8-10

TO HARVEST

~~33~~ 16-B

March Data Log

Planted March 18

I 3-28, D 3-30
I 4-13, D 413
I 4-21, D 4-21
I 6-7
D 5-25
I 6-6
I 6-8
I 6-15
I 6-23
I 7-11
I 7-28
I 8-13
D 10-20 TO HARVEST

ot emerged april 1 (Some earlier)
ull " " 8

15-W

Field plots, group 3, upl C & D
planted April 8

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-5
I	6-8
I	6-15
I	6-23
D	7-3
I	7-11
I	7-26
I	8-19
D	8-26

TO HARVEST

~~34~~ 15-E

April Date Log

planted April 15

I	4-15	1st emerg	4/25
D	4-15	full "	5/1
D	4-15		
~~D~~	~~4-21~~		
~~D~~	~~5-1~~		
D	5-25		
I	6-6		
I	6-8		
I	6-15		
I	6-23		
I	7-11		
I	7-28		
I	8-13		
D	10-22	TO HARVEST	

14-W

Fuld plots, Group 5, rppl. C & D

planted April 7 & 8

I	4-10
D	4-11
I	4-21
D	4-21
I	5-7
D	5-26
I	6-6
I	6-8
I	6-15
I	6-23
D	7-3
I	7-11
I	7-28
I	8-13
I	8-19
D	9-29 TO HARVEST

~~35~~ 14 B

[redacted]

May Rate Log.

PLANTED: May 24	1st emerged
I 5-26	fully emerged 6/2
D 5-27	
I 6-8	
D 6-9	
I 6-15	
D 6-23	
I 7-11	
I 7-17	
I 7-28	
I 8-13	
D 10-30	TO HARVEST

[redacted] 13-W

Field plots, group 4, rep C & D

	planted April 8	
I	4-10	
D	4-11	
I	4-21	
D	4-21	
I	5-7	
D	5-26	
I	6-5	
I	6-8	
I	6-15	
I	6-23	
D	7-3	
I	7-11	
I	7-28	
I	8-13	
I	8-19	
D	9-18	TO HARVEST

~~36~~ 13-E

PLANTED 6-15 June Date Early

Planted June 15 1st Emerg.
Fully 11.

I	6-15
D	6-16
I	6-22
D	6-23
I	7-11
D	7-11
I	7-17
I	7-28
I	8-13
I	8-19
I	9-18
I	9-30
I	10-10
D	11-9

TO HARVEST

12-W

Head Row

	BBT-50
Variety	April 7
I	4-10
D	4-11
I	4-21
D	4-21
I	5-5
D	5-26
I	6-4
I	6-8
I	6-15
I	6-23
I	7-8
I	7-28
D	8-25

TO. HARVEST
HARVEST. 9-9

3. SACKS

GREEN. WT	DRY. WT
122	117
115	113
125	129

~~3T~~ 12-[redacted]

July Data Log

PLANTED - 7 - 17

I	7 - 18
D	7 - 18
I	8 - 16
D	8 - 11
I	8 - 19
I	8 - 26
I	9 - 18
I	9 - 30
I	10 - 10
D	11 - 9

TO HARVEST

11-W

BBT-50 Head Row

planted April 7

I	4-10
D	4-11
I	4-20
D	4-20
I	5-5
D	5-26
I	6-4
I	6-8
I	6-15
I	6-23
I	7-8
I	7-28
D	8-25

TO Harvest-
HARVEST 9-9

3 SACKS

GREEN. WT	DRY. WT
134	123
131	132
128	127
	382

~~38~~ 11-E

Cent Head Row

Planted April 7

I 4-10
D 4-11
I 4-21
D 4-21
I 5-5
D 5-25
I 6-4
I 6-8
I 6-15
I 6-23
I 7-4
I 7-28
D 8-12. TO HARVEST
4.5 SACKS

GREEN WT
124
123
116
61

HARVEST. 8-27

4.5 SACKS DRY. WT
108
103
108
62 / 81#

10-W

BBT-50 Hood Row

planted April 7

I	4-10
D	4-11
I	4-20
D	4-20
I	4-21
D	4-21
I	5-5
D	5-26
I	6-4
I	6-8
I	6-23
I	7-8
I	7-28
D	8-25

TO Harvest

HARVEST 9-9

H-SACKS GREEN. WT	DRY WT
115	110
127	122
126	121
40	38
	391

~~39~~

10-E

Century Head Row

planted April 7th

F 4 - 10

D 4 - 11

I 4 - 21

D 4 - 21

I 5 - 5

D 5 - 25

I 6 - 4

I 6 - 8

I 6 - 23

D 6 - 30

I 7 - 8

I 7 - 28

D 8 - 12 TO HARVEST

2 SACKS

GREEN WT

119

119

HARVEST 8 - 27

4 SACKS

DRY WT 94

102

77

102

375#

9-W

BBT-50 Head Row

planted April 7

I	4 -
D	4 -
I	4 - 20
D	4 - 20
I	4 - 21
D	4 - 21
I	5 - 5
D	5 - 16
I	6 - 4
I	6 - 8
I	6 - 15
I	6 - 23
I	7 - 8
I	7 - 28
D	8 - 25

TO HARVEST

HARVEST 9-9

GREEN WT 4 SACKS

122
121
122
35

DRY WT

118
119
117
32
386

~~40~~

9-E

Cent Head Row

planted apul 7

I 4-10
D 4-11
I 4-21
D 4-21
I 5-5
D 5-25
I 6-4
I 6-8
I 6-15
I 6-23
I 7-8
I 7-28
D 8-12 TO HARVEST

HARVEST 8/28

5 SACKS DRY. WT | 95
106
94
102
36
433 #

8-W

HO Nursery

Seeded May 25

Thinned	6-4
D	6-5
I	6-23
D	6-30
I	7-10
I	7-28
I	8-13
I	8-19
I	9-2
I	9-27
I	10-6
D	10-30 TO HARVEST

41 8-E

Cent Head Row

planted April 7

I	4-10
D	4-11
I	4-21
D	4-21
I	5-5
D	5-25
I	6-4
I	6-8
D	6-30
I	7-8
I	7-28
D	8-12

TO HARVEST

HARVEST 9-2

4 SACKS GREEN WT.	
4 SACKS DRY. WT	130
105	87
115	118
75	119
105	
400	lbs

[redacted] 7 - W

Todd Smith

Soon May 25

~~42~~ 7-E

Rukoro Inca

planted apr 9

I	4-16
D	4-11
I	4-20
D	4-20
I	5-5
D	5-25
I	6-4
I	6-8
I	6-15
D	7-3
I	7-10
I	7-28
I	8-13
D	9-27

TO HARVEST

HARVEST 10-23

3 SACKS

GREEN WT	DRY WT
113	112
119	113
118	106

6-W

Todd

~~43~~ 6-E

Rexoro Sweet

planted april 9

I	4-10
D	4-11
I	4-20
D	4-20
I	5-5
D	5-25
I	6-4
I	6-8
I	6-15
D	7-3
I	7-10
I	7-28
I	8-13
D	9-27

TO HARVEST

HARVEST 10-23

3 SACKS

GREEN. WT	DRY. WT.
121	109
116	113
81	77

299

[redacted] 5- W

Todd

planted
irrig 4/
drained 4/
in 4/20
dro

yield dry wt = 24.8 lbs.
~~44~~ 5-E

B 4512 A 2nd Hut x B3t

planted April 7

I	4-10		I 8-20
D	4-11		I 9-17
I	4-20		I 10-14
D	4-20		I 10-17
I	5-5		D 10-30
D	5-25		TO HV
I	6-4		HARVEST
I	6-8		11-13
I	6-15		
D	7-3		5. SACKS
I	7-8		DRY. WT. 67
I	7-17		#3
I	7-28		43
D	8-4. TO		124
			124
			334

1 SACK 38 LBS
2ND CROP
fertilized on 8/20 with 30 LBS
12 lbs Nitrate of Soda
ammonia sulphate

HARVEST
HARVEST. 8-18
WT. 422 (wet
401 = dry)

I	8-19
D	8-19

5 sacks
1 3 2
1 3 2
4 5
4 5 contained mixture
4512A1-20 454

68 # 8 B4512A1-3
422 # Total
before drying

4 – W

Todd

~~45~~ 4 E

~~Plot~~

~~Plot~~ K-

TULLIS. HARVEST 10-24

5 SACKS GREEN WT

	119	DRY WT
	114	105
	116	108
	115	106
	47	103
		43
		465

B40-30 A3-131
R-7689 x Revco
Grown on S Cur
Increase for Corvette

3 - W.

Todd

~~46~~ 3-E

Todd

[redacted] 2 - W

Todd

4T 2-E

Todd

[redacted] 1 — W

Todd

~~48~~ 1-E

Todd

196

E

no-1-8/5-
I-5-8/5-
I-6-8/5-
I-25-8/5-
I-26-8/5-
I-33-8/5-
I-34-8/5-
I-35-8/5-
I-36-8/5-
I-37-8/5-
I-38-8/6-
I-39-8/
I-40-8/6
I-41-8/6
I-42-8/6
D-43-8/6
D-44-8/6

N

I-4-8/6
I-37-8/6
I-38-8/6
I-39-8/6
I-40-8/6
I-41-8/6
I-42-8/6
I-43-8/6
I-44-8/6
I-45-8/6

SALT WATER VARIETY TEST

I	6-9
D	6-9
I	6-12
I	6-22
I	6-26
I	7-2
I	7-9
I	7-11
I	8-12
I	8-17
I	8-27
I	9-23
I	10-23

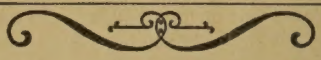
8 6
15
15
36

36

Henry M. Beachell

COMPLIMENTS OF
I. D. ROBERTSON & COMPANY
INSURANCE
700 American National Bank Building
TELEPHONE 4-3305

1953 — *Calendar* — 1953



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Printed in U. S. A.

Use a (C6) drawing pen for making out books in India Ink

Acreages of Foundation Seed
1953 Crop

Century Patna 231	32 acres
Bluehommet 50	22 acres
Improved Bluehommet	28 acres
Texas Patna	12 acres
Texoro	11 acres
	105 acres

This turned over to Hasselfield on 9/4/53 HMB

Have 44 tins stored at station

(565)

Acreage & Foundation Fields

	Date Sown	acreage	yield		
Nolte ✓					
1 Century (245)	April 11	15	4.8	74.	
1 BBT 50 (200)	April 11	15	4.0	60	
Seberg ✓ x					
Tetoro (649)	April 17	20	11.5	230	
T. Petna (746)	May 11	20	12.0	240	
✓ BBT 50 (400)	May 12	18	9.5	171	
B 438A (747)	May 12		8.3		
McMillan ✓ x					
3 BBT 50 (200)	April 22	10	10.2	102	
Haunty ✓ x					
2 Century (251)	April 22	12	9.5	114	
4 BBT 50 (200)	May 12	12	9	114	
Boyt ✓					
Improved BBT (500)	May 12	15	8.	100 +	
Meek ✓ x					
2 improved BBT	May 9		10½	300	
2 improved BBT		12	7½ 18.0	288	
Allen and Gann ✓ x					
3 Century (502)	April 14	16	18.0	288	
Full bd about Aug 6.	Prob bu 15+ acre				
			5.00		

Thursday, JANUARY 1

1st Day—364 days to come

Estimated Yields

BBT 50

Seeberg	171
Maunty	114
Motte	60
McMillian	102
	447

$\frac{447}{2}$ = 223.5

Century P.

Gann	288
Maunty	114
Motte	74
	476

$\frac{476}{2}$ = 238

Imp BBt

Boyett	100
Meek	250
	350

$\frac{350}{2}$ = 175

Reese (Seeberg) $\frac{190}{2}$ = 195

T. Patton (Seeberg) $\frac{171}{2}$ = 85.5

$\frac{1772}{2}$ = 886.0

Friday, JANUARY 2

2nd Day—363 days to come

For Warehouse
Foundation steel 1772
BBL 50 (75 acres) 23 pnt 1725
Century 19 acres 20" 380
" 4½ " 20" 90 74
Lng. BBL 32 23" 736
4703
Misel blocks 50
4753

Estimate made
Aug 12, 1953

Saturday, JANUARY 3

3rd Day—362 days to come

Dry Nuts 1953 Head Row Crop

Century
38 - 381
39 - 375
40 - 433
41 - 400 / 1589 Total dry — 24.5 lbs/A

BBT 50
37 - 350
38 - 382
39 - 391
40 - 386 / 1509 — 23.1 lbs/A

B4512 A1-20 and A1-32 - 401 — 24.7 lbs/A

Zenith 175 # noted of black bearded (dry)

Sunday, JANUARY 4

4th Day—361 days to come

Bluehommet

Improved BBT
8E - 393
9E - 392 / 785 # — 24.2 lbs/A

Rivora

T Potato

Monday, JANUARY 5

5th Day—360 days to come

Total production

2543 clean barrels

Station use

to reel

566 Found

1977 Reg

20

39,540 ÷ Station prod.

566

85 station use

481 Found for sale

30

14,430

39540

14,430

2550 Station use

56,520

Tuesday, JANUARY 6

6th Day—359 days to come

Sedric available (Station)

BBt 50 — ~~1280~~ 1200 / 650

Imp BBt — ~~480~~ 450 600

Century — ~~500~~ 280 373

Century — ~~50~~ 41 62

Farms Total 19772 6355 8594 3494

Ant. allen & gam 127.5

molte 44.0

mauntz 25.0

~~147~~ (147) 196.5

BBt 50 Seeburg 85.

McMillan 25.0

Mauntz 57.

molte ~~204~~ 37.

153 ~~224~~ 80 50

Imp BBt Boyt ~~144~~ 125

mack (131) ~~209~~ 77

Rel 50 71 95

TP 64 85

859

Wednesday, JANUARY 7

7th Day—358 days to come

Thursday, JANUARY 8

8th Day—357 days to come

Friday, JANUARY 9

9th Day—356 days to come

Saturday, JANUARY 10

10th Day—355 days to come

Sunday, JANUARY 11

11th Day—354 days to come

Monday, JANUARY 12

12th Day—353 days to come

Tuesday, JANUARY 13

13th Day—352 days to come

1932 Copyright

CP — Manitty 857 109

CP — Gann 351 105

BBt-50 Mant 544 ~~105~~

" Seeberg 320 85

Revere Fay 593 50

Imp Bbt Nolte 629 50

BBt Nolte 484 30

TP Wint 539 100

TP 49 Seeberg 505 100

B438A1-104

264

Wednesday, JANUARY 14

14th Day—351 days to come

Thursday, JANUARY 15

15th Day—350 days to come

Friday, JANUARY 16

16th Day—349 days to come

Saturday, JANUARY 17

17th Day—348 days to come

Sunday, JANUARY 18

18th Day—347 days to come

Monday, JANUARY 19

19th Day—346 days to come

Tuesday, JANUARY 20

20th Day—345 days to come

Wednesday, JANUARY 21

21st Day—344 days to come

Thursday, JANUARY 22

22nd Day—343 days to come

Friday, JANUARY 23

23rd Day—342 days to come

Saturday, JANUARY 24

24th Day—341 days to come

Sunday, JANUARY 25

25th Day—340 days to come

Monday, JANUARY 26

26th Day—339 days to come

Tuesday, JANUARY 27

27th Day—338 days to come

Wednesday, JANUARY 28

28th Day—337 days to come

Thursday, JANUARY 29

29th Day—336 days to come

Friday, JANUARY 30

30th Day—335 days to come

Saturday, JANUARY 31

31st Day—334 days to come

Sunday, FEBRUARY 1

32nd Day—333 days to come

Monday, FEBRUARY 2

33rd Day—332 days to come

Tuesday, FEBRUARY 3

34th Day—331 days to come

Wednesday, FEBRUARY 4

35th Day—330 days to come

Thursday, FEBRUARY 5

36th Day—329 days to come

Friday, FEBRUARY 6

37th Day—328 days to come

Saturday, FEBRUARY 7

38th Day—327 days to come

Sunday, FEBRUARY 8

39th Day—326 days to come

Monday, FEBRUARY 9

40th Day—325 days to come

Tuesday, FEBRUARY 10

41st Day—324 days to come

Wednesday, FEBRUARY 11

42nd Day—323 days to come

Thursday, FEBRUARY 12

43rd Day—322 days to come

Friday, FEBRUARY 13

44th Day—321 days to come

Saturday, FEBRUARY 14

45th Day—320 days to come

Sunday, FEBRUARY 15

46th Day—319 days to come

Monday, FEBRUARY 16

47th Day—318 days to come

Tuesday, FEBRUARY 17

48th Day—317 days to come

Wednesday, FEBRUARY 18

49th Day—316 days to come

Thursday, FEBRUARY 19

50th Day—315 days to come

Friday, FEBRUARY 20

51st Day—314 days to come

Saturday, FEBRUARY 21

52nd Day—313 days to come

Sunday, FEBRUARY 22

53rd Day—312 days to come

Monday, FEBRUARY 23

54th Day—311 days to come

Tuesday, FEBRUARY 24

55th Day—310 days to come

Wednesday, FEBRUARY 25

56th Day—309 days to come

Thursday, FEBRUARY 26

57th Day—308 days to come

Friday, FEBRUARY 27

58th Day—307 days to come

Saturday, FEBRUARY 28

59th Day—306 days to come

Sunday, MARCH 1

60th Day—305 days to come

Monday, MARCH 2

61st Day—304 days to come

Tuesday, MARCH 3

62nd Day—303 days to come

Wednesday, MARCH 4

63rd Day—302 days to come

Thursday, MARCH 5

64th Day—301 days to come

Friday, MARCH 6

65th Day—300 days to come

Saturday, MARCH 7

66th Day—299 days to come

Sunday, MARCH 8

67th Day—298 days to come

Monday, MARCH 9

68th Day—297 days to come

Tuesday, MARCH 10

69th Day—296 days to come

Wednesday, MARCH 11

70th Day—295 days to come

Thursday, MARCH 12

71st Day—294 days to come

Friday, MARCH 13

72nd Day—293 days to come

Saturday, MARCH 14

73rd Day—292 days to come

Sunday, MARCH 15

74th Day—291 days to come

Monday, MARCH 16

75th Day—290 days to come

Tuesday, MARCH 17

76th Day—289 days to come

Wednesday, MARCH 18

77th Day—288 days to come

Thursday, MARCH 19

78th Day—287 days to come

Friday, MARCH 20

79th Day—286 days to come

Saturday, MARCH 21

80th Day—285 days to come

Sunday, MARCH 22

81st Day—284 days to come

Monday, MARCH 23

82nd Day—283 days to come

Tuesday, MARCH 24

83rd Day—282 days to come

Wednesday, MARCH 25

84th Day—281 days to come

Thursday, MARCH 26

85th Day—280 days to come

Friday, MARCH 27

86th Day—279 days to come

Saturday, MARCH 28

87th Day—278 days to come

Irrigated march date seeding
Blocks and Todd date Ady Blk.
drained March 30.
1st emerged ~~april~~ 3/26
Full emerged april 8

Sunday, MARCH 29

88th Day—277 days to come

Monday, MARCH 30

89th Day—276 days to come

Tuesday, MARCH 31

90th Day—275 days to come

Wednesday, APRIL 1

91st Day—274 days to come

Thursday, APRIL 2

92nd Day—273 days to come

Friday, APRIL 3

93rd Day—272 days to come

Saturday, APRIL 4

94th Day—271 days to come

Sunday, APRIL 5

95th Day—270 days to come

Monday, APRIL 6

96th Day—269 days to come

Tuesday, APRIL 7

97th Day—268 days to come

Seeded 4 Blocks Century Head Row and
4 blocks BBt 50 head Row all on april 7.
Heads of both varieties had been selected at random from 1952 hd row Blocks.

(Crane found 1 full grain BBt type which was sown ~~Row in Block~~ and 2s in south Block, 10th row from north level and in west tier.)

Wednesday, APRIL 8

98th Day—267 days to come

Seeded Field Plots were sown
40 feet long. (1st & 2nd blocks
were sown april 7)
seed was treated with N 244
at rate of 3-4 oz. per bu.
sown within 24-48 hrs after
treating

Thursday, APRIL 9

99th Day—266 days to come

Seeded 2 Rexoro purification blocks from 1952 Hdr. sed.

Seeded 1 block of B52-4647 with B4512A1-20 8 rows of B52-4650 on north edge of block. B4512A1-32

yield nursery sown april 9
Treated with N244 on april 8.

Friday, APRIL 10

100th Day—265 days to come

Irrigated early seeded blocks,
drained Monday
March date seeding irrigated,
drained, April 13

Saturday, APRIL 11

101st Day—264 days to come

Seeded Nolte Foundation

drill measurement →
- 4.8 acres Century P. 250 lbs.
- 4.0 acres BBI 50 200 lbs.

Sunday, APRIL 12

102nd Day—263 days to come

Monday, APRIL 13

103rd Day—262 days to come

Seeded seed Row
TP49
Blue Rose

Drained early seeded blocks.

Tuesday, APRIL 14

104th Day—261 days to come

Seeded Angleton Variety test

Grain Century Patna seeded Hasselfield present when sown drill showed 18 acres,

Wednesday, APRIL 15

105th Day—260 days to come

seeded april date, seeding
seeded Gunebi on north side
of south date seeding block

Thursday, APRIL 16

106th Day—259 days to come

Seeded 6 Row Breeding nursery.

Head Rows 7

Sunbonnet (Crowley 7 rows) 1 blo
Bluebonnet (315) 1 block
Zenith (Winterman) 1 block
B438A1-104 3 blocks
Texas Patna 1 block
Imp. Bluebonnet 2 blocks

Friday, APRIL 17

107th Day—258 days to come

Record to Seeburg.
649 lbs.

Seeded 11½ acres (check)
Hmb present.

up to V. good stand on May 11th

Saturday, APRIL 18

108th Day—257 days to come

Seeded Single field plots
Treated with N 2 4 4
about 31 grams per
40 foot row 6 row plots

Irrigated all watered soon
during week, except, algae.

Sunday, APRIL 19

109th Day—256 days to come

Monday, APRIL 20

110th Day—255 days to come

Irrigated early sown S3
blocks on April 20 and 21;
were drained immediately
7 plots × yield runs
were 1st emerged April 20
7 fully emerged April 26

B1 50 7R full emerg 4/26
Cent HR " 4/26
B52-4649 4/26
varied, later than others,
also appeared to have poor stand

Tuesday, APRIL 21

111th Day—254 days to come

deeded Tullis Bk 50
Used Found. sued, Maurity
lot. (arson treated only)

Wednesday, APRIL 22

112th Day—253 days to come

Seeded 10.2 acres BBT 50
head row seed at Katy,
(Don McMillan farm) HMB attended

Seed 9.5 acres Autumn head row
at Ganado, M.W. Mauntz farm,
J.E.C. attended

Plowed Tullis lines, pushed
april 23 & replowed.

Thursday, APRIL 23

113th Day—252 days to come

Friday, APRIL 24

114th Day—251 days to come

Saturday, APRIL 25

115th Day—250 days to come

Sunday, APRIL 26

116th Day—249 days to come

Monday, APRIL 27

117th Day—248 days to come

Tuesday, APRIL 28

118th Day—247 days to come

Wednesday, APRIL 29

119th Day—246 days to come

Thursday, APRIL 30

120th Day—245 days to come

Friday, MAY 1

121st Day—244 days to come

Saturday, MAY 2

122nd Day—243 days to come

Sunday, MAY 3

123rd Day—242 days to come

Monday, MAY 4

124th Day—241 days to come

Tuesday, MAY 5

125th Day—240 days to come

Wednesday, MAY 6

126th Day—239 days to come

Thursday, MAY 7

127th Day—238 days to come

Seeded Trellis Celosia and Variety test

Plot 113 and 213 soon out of order.

Friday, MAY 8

128th Day—237 days to come

Seeded 53-115 m S-1,
2 blocked, rest of tulip
variety test.

Saturday, MAY 9

129th Day—236 days to come

seeded Todd plots

Sunday, MAY 10

130th Day—235 days to come

Monday, MAY 11

131st Day—234 days to come

seeded 2 blocks breeding
nurs.

seeded T P Head row at
Hastings, 12 acres set on
22-24. (746 lbs seed)

Tuesday, MAY 12

132nd Day—233 days to come

Seeded Boyt Imp BBt
Head Row, Seeded every row,
dropped with drill no
disks used on drill. Drill set
on 24 (500 lbs. seed)

Seeded B4358A inoculant at
Sephens, drill set on 20, every
row seeded. (747 lbs seed)

Seeded BBt 50 head row at Sehens.
Drill set on 18 (400 lbs seed)

Maintz seeded BBt 50
Head Row, no one present to
check drill etc.

Wednesday, MAY 13

133rd Day—232 days to come

Started raining and continued until May 18

Thursday, MAY 14

134th Day—231 days to come

Friday, MAY 15

135th Day—230 days to come

Saturday, MAY 16

136th Day—229 days to come

Sunday, MAY 17

137th Day—228 days to come

Monday, MAY 18

138th Day—227 days to come

Very rain flooded station
started cleaning after this

Tuesday, MAY 19

139th Day—226 days to come

Wednesday, MAY 20

140th Day—225 days to come

Thursday, MAY 21

141st Day—224 days to come

Flushed Tullis Calor
and variety test.—
also flushed breeding mice.
2001—2890, now fully
emerged May 23. (born May 11

Friday, MAY 22

142nd Day—223 days to come

Single Row data bdg.
Sown on north side of the north blocks of each date.

Sdg Order	1953 Lot
101	10
102	13
103	14
104	15
105	33
106	36
201	37
202	39
203	40
204	41
205	46
206	48
301	49
302	51
303	53
304	57
305	59
306	65

Annuals 8BX 50 on north side of South Walk

401	68
402	72
403	73
404	77
405	98
406	130

Saturday, MAY 23

143rd Day—222 days to come

seeded 4 blocks breeding nurs
3701 to 4099 and 4101 to 4799

north
1 N244
2 ck
3 6907
4 ck
5 N244
6 6907
south

Dorothy 24th
Todd Nevada
Irving May 25

Sunday, MAY 24

144th Day—221 days to come

seeded 5 blocks of F2 mutants
seeded breeding nursery block
4801 + -
seeded irradiation block
seeded May date seeding
seeded 6 rows awnless Bpt 50 on
south side of south block and
reseed rows on north side.
seeded Todd nemstode plots

Monday, MAY 25

145th Day—220 days to come

Seeded Breeding nursery
rows 2701 – 3390
2701-3 and 2801-3 may have been sent by order
H.P. nursery 8001 – 82007
Sown North to South
Seeded Todd Smut block
Seeded Todd Mosaic block

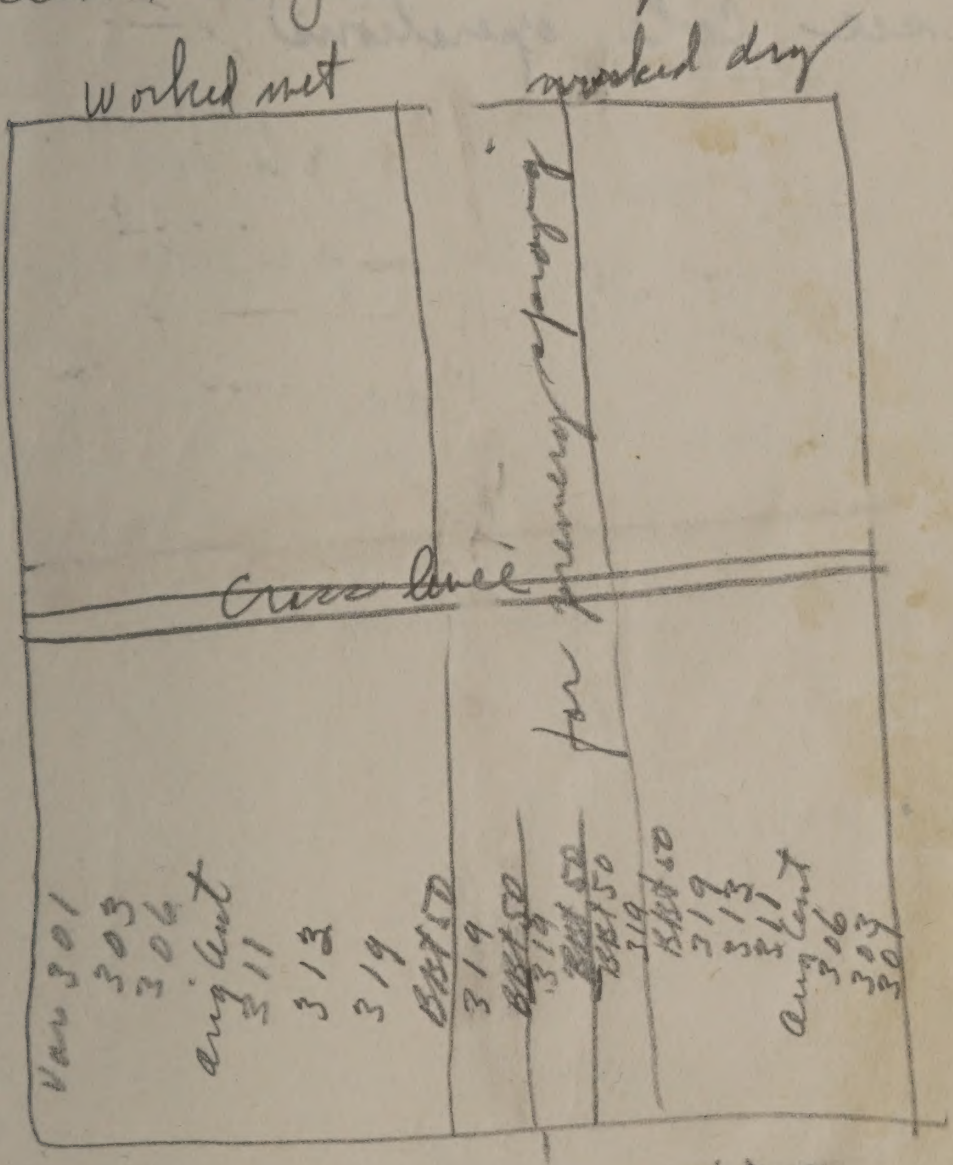
Seeded Pre-emerg block in cooperation with Rust

Drained all plots on east side of nursery and others as need to be drained on May 26

Tuesday, MAY 26

146th Day—219 days to come

Trip to Eagle Lake, To seed straight—herd plot



Wednesday, MAY 27

147th Day—218 days to come

Trip to Seabreeze area with Vance to see Cole operations

Thursday, MAY 28

148th Day—217 days to come

Crane sneaked There's maternal

Friday, MAY 29

149th Day—216 days to come

Seeded Introd. from Adair on Blocks 19 & 20, South to North on May 28 & 29

Seeded Smooth Zenith materials Sela on odd no. Zenith on even no.

East

501	545
401	445
301	345
201	245
101	145

Road West

429-45 are glute Zenith plants, mostly rough.

Saturday, MAY 30

150th Day—215 days to come

Started spraying lawns in area S-3. on Friday pm. completed all lawns by noon Monday, total time about 1½ days by D.G. Lee; used 1½ pt per 2 gal. water and each 2 gal. covered about 7 blocks. Cross + border lawns + lateral lawns.

Started spraying guard areas on ends of blocks and on sides on Monday pm.

When was late sown mixed flowers probably May 29 & 30.

Sunday, MAY 31

151st Day—214 days to come

Monday, JUNE 1

152nd Day—213 days to come

Hopper	Seton		
1 =	5	280	279
2 =	7	280	—(3090n 8)
3 =	9	274	278
4 =	5	282	278

approximately S 2 ft N phase

started fertilizing S 3 nursery area.

finished June 2

apil 8

Tuesday, JUNE 2

153rd Day—212 days to come

Irrigated date seeding (May 15)

fully emerged, June 3

Framed Tuttle's blocks.

22
31
1

54

Wednesday, JUNE 3

154th Day—211 days to come

Irrigated salt water tanks

Irrigated late sown nursery

June 3 & 4.

Thursday, JUNE 4

155th Day—210 days to come

air fertilized Tullis strip - 8 sacks,
applied 14# per block on 4 blocks to bring N to 80#
apply 28# more mi several weeks

Friday, JUNE 5

156th Day—209 days to come

F2's, breeding mms. Siamese mutant, etc. was fully emerged June 4.

Saturday, JUNE 6

157th Day—208 days to come

Sunday, JUNE 7

158th Day—207 days to come

Monday, JUNE 8

159th Day—206 days to come

Tuesday, JUNE 9

160th Day—205 days to come

Wednesday, JUNE 10

161st Day—204 days to come

Thursday, JUNE 11

162nd Day—203 days to come

Friday, JUNE 12

163rd Day—202 days to come

Saturday, JUNE 13

164th Day—201 days to come

Sunday, JUNE 14

165th Day—200 days to come

Monday, JUNE 15

166th Day—199 days to come

Seeded June date Sdg.
Irrigated Some day
1st emerged June 19
Full " June 23

returned from Temple

Tuesday, JUNE 16

167th Day—198 days to come

Trip to Analmac to look at
molte Cent and SBT 50

Wednesday, JUNE 17

168th Day—197 days to come

Thursday, JUNE 18

169th Day—196 days to come

Friday, JUNE 19

170th Day—195 days to come

petrolized annual late blocks
in Var Impr area.

Saturday, JUNE 20

171st Day—194 days to come

Sunday, JUNE 21

172nd Day—193 days to come

Monday, JUNE 22

173rd Day—192 days to come

Tuesday, JUNE 23

174th Day—191 days to come

Wednesday, JUNE 24

175th Day—190 days to come

Thursday, JUNE 25

176th Day—189 days to come

Friday, JUNE 26

177th Day—188 days to come

Saturday, JUNE 27

178th Day—187 days to come

Sunday, JUNE 28

179th Day—186 days to come

Monday, JUNE 29

180th Day—185 days to come

Tuesday, JUNE 30

181st Day—184 days to come

Wednesday, JULY 1

182nd Day—183 days to come

Thursday, JULY 2

183rd Day—182 days to come

Friday, JULY 3

184th Day—181 days to come

Saturday, JULY 4

185th Day—180 days to come

Sunday, JULY 5

186th Day—179 days to come

Monday, JULY 6

187th Day—178 days to come

Tuesday, JULY 7

188th Day—177 days to come

Wednesday, JULY 8

189th Day—176 days to come

Thursday, JULY 9

190th Day—175 days to come

Friday, JULY 10

191st Day—174 days to come

Seeded South block 7
date Sdg. Irrig 6/10

1st emerged July 14
full " July 17

Fertilized with 50 lbs N
on July 10

Saturday, JULY 11

192nd Day—173 days to come

Sunday, JULY 12

193rd Day—172 days to come

Monday, JULY 13

194th Day—171 days to come

Tuesday, JULY 14

195th Day—170 days to come

Wednesday, JULY 15

196th Day—169 days to come

Dr Roy acker and group would
arrive about this time for an
application on fields.

Terry out in late June or early Ju

Francis out in august

Stan Mc Lain (Dick Hart)
he in late in June or early July)

Want nema tanks put out
about July 1.

Dont ever drain nema. block

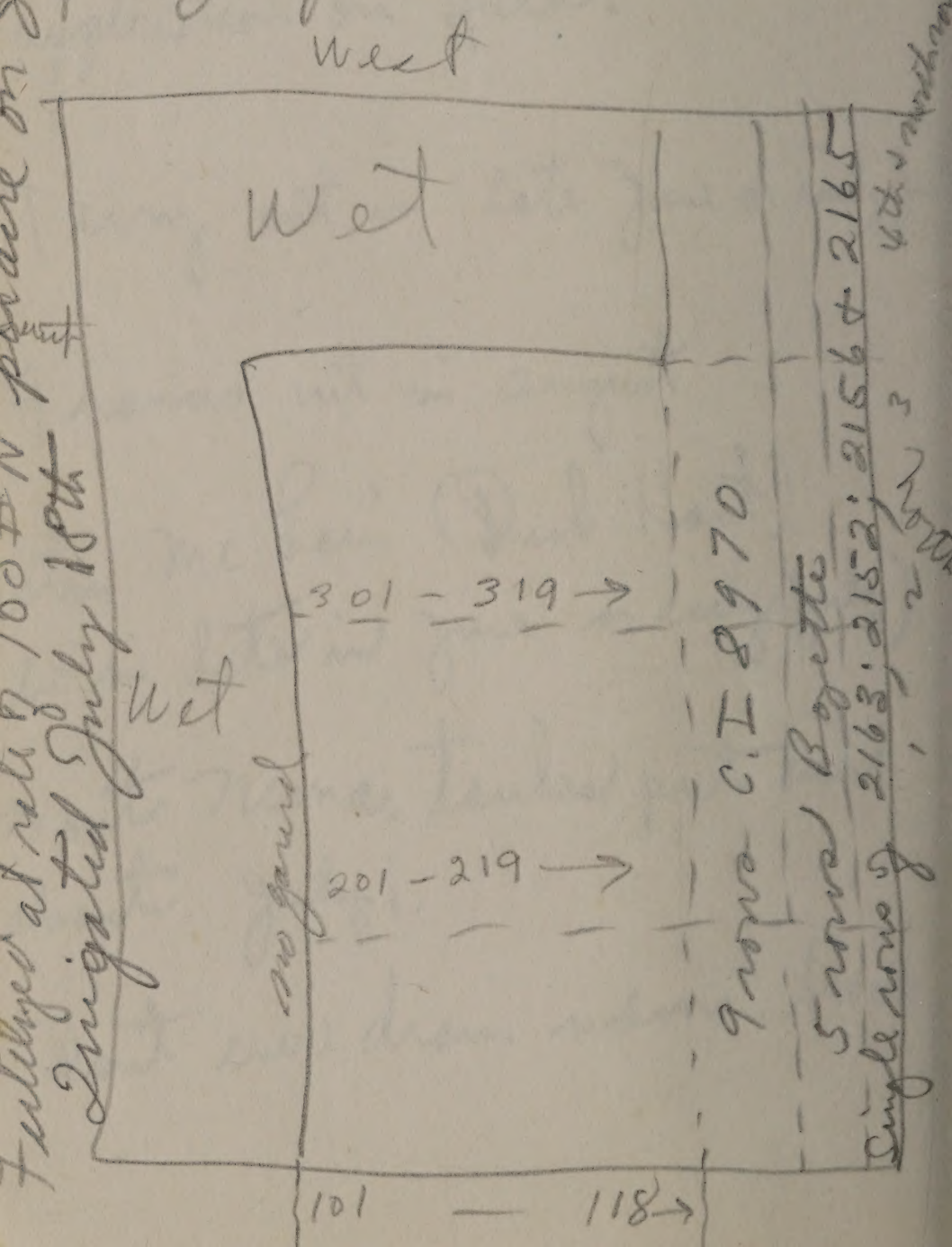
Thursday, JULY 16

197th Day—168 days to come

Friday, JULY 17

198th Day—167 days to come

Seeded North block of date Sdg 17th for July.



Fertilizer at rate of 100 lbs N per acre on 2 irrigated July 18th

Saturday, JULY 18

199th Day—166 days to come

Sunday, JULY 19

200th Day—165 days to come

Monday, JULY 20

201st Day—164 days to come

Tuesday, JULY 21

202nd Day — 163 days to come

Wednesday, JULY 22

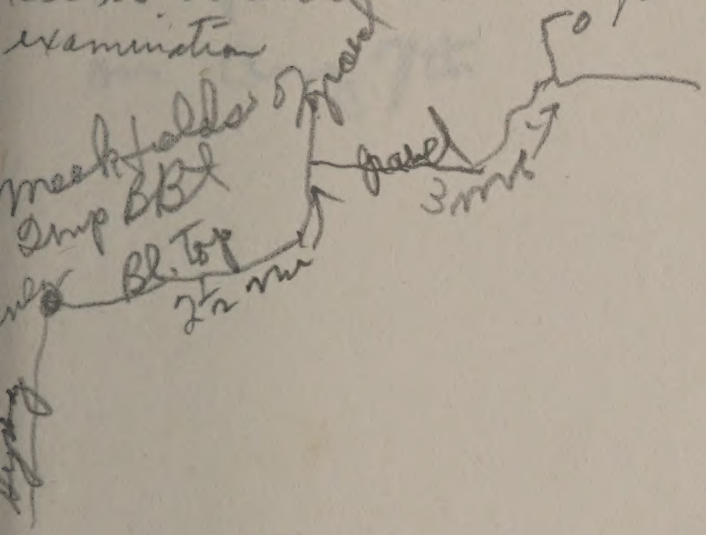
203rd Day—162 days to come

Seeding:
BB 50
Thin last clean + capable of good yield
TP – V. good
Rev – "
BK – V. good

Thursday, JULY 23

204th Day—161 days to come

Farm Cost heading. Is rather uneven. Should see it in about 2 weeks for Red Rec examination



Friday, JULY 24

205th Day—160 days to come

Saturday, JULY 25

206th Day—159 days to come

Trip to Florida, returned on Aug 7th

Sunday, JULY 26

207th Day—158 days to come

Monday, JULY 27

208th Day—157 days to come

Tuesday, JULY 28

209th Day—156 days to come

Wednesday, JULY 29

210th Day—155 days to come

Thursday, JULY 30

211th Day—154 days to come

Friday, JULY 31

212th Day—153 days to come

Saturday, AUGUST 1

213th Day—152 days to come

Sunday, AUGUST 2

214th Day—151 days to come

Monday, AUGUST 3

215th Day—150 days to come

Tuesday, AUGUST 4

216th Day—149 days to come

Wednesday, AUGUST 5

217th Day—148 days to come

Field Day set on Aug 5.

Thursday, AUGUST 6

218th Day—147 days to come

Crane rogued Nolte Cent + BBt5

Friday, AUGUST 7

219th Day—146 days to come

Saturday, AUGUST 8

220th Day—145 days to come

Sunday, AUGUST 9

221st Day—144 days to come

Monday, AUGUST 10

222nd Day—143 days to come

Partitions for Warehouse
6 x 10 feet

1000 lineal ft 2 x 4 = $93.38

40 sheets (10 x 4 ft) pressed wood. @ 8½¢
per sq foot = $136.80. (non tempered

Tempered pressed wood = 11¢ per Sq foot
(Oxford Bldg material bid)

Crane made trip to El Campo
Ofando to look over Cattery

Tuesday, AUGUST 11

223rd Day—142 days to come

Alfredo Kupper from Brazil visited Station today. Interested in Soils. Spent about 4 hrs. with him, Had family with him (San Paulo area)

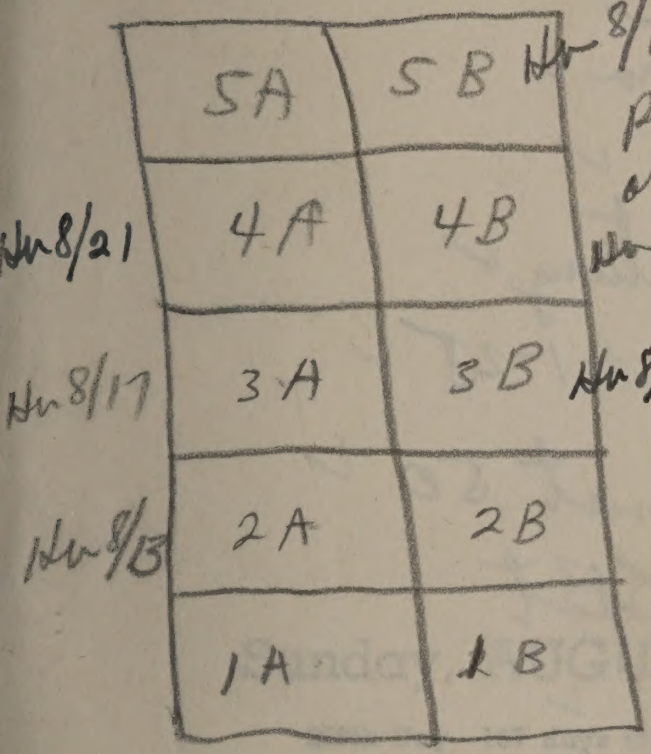
Wednesday, AUGUST 12

224th Day—141 days to come

Thursday, AUGUST 13

225th Day—140 days to come

Late of harvest (century)



plots 12½ x 10 feet or 1/348.48 acre

8/13 date = 8.66 5B on 13.8 & 10 + 2A = 9.35 @ 13.9
3018 on 18.6 3258 on 20.1

8/17 date = 10.05 4B @ 15.9 ; 10.35 3A @ 15.90

Friday, AUGUST 14

226th Day—139 days to come

Samples for Ls. Modamb

307 Cent. Patna ✓

309 Ricark ✓

312 Short Century ✓

314, B455A1-25 ✓

317 Bluebonnet 50 ✓

319 Emp. BBt

304 Zenith ✓

306 Magnolia ✓

331 T Patna

329 T P & 9

330 Record

Be in Beltsville on Oct 14th

334 RxD

103 HO-421

Saturday, AUGUST 15

227th Day—138 days to come

Sunday, AUGUST 16

228th Day—137 days to come

Monday, AUGUST 17

229th Day—136 days to come

Tuesday, AUGUST 18

230th Day—135 days to come

Wednesday, AUGUST 19

231st Day—134 days to come

Thursday, AUGUST 20

232nd Day—133 days to come

Friday, AUGUST 21

233rd Day—132 days to come

Saturday, AUGUST 22

234th Day—131 days to come

Sunday, AUGUST 23

235th Day—130 days to come

Monday, AUGUST 24

236th Day—129 days to come

Tuesday, AUGUST 25

237th Day—128 days to come

Wednesday, AUGUST 26

238th Day—127 days to come

Thursday, AUGUST 27

239th Day—126 days to come

Friday, AUGUST 28

240th Day—125 days to come

Saturday, AUGUST 29

241st Day—124 days to come

Sunday, AUGUST 30

242nd Day—123 days to come

Monday, AUGUST 31

243rd Day—122 days to come

Tuesday, SEPTEMBER 1

244th Day—121 days to come

Wednesday, SEPTEMBER 2

245th Day—120 days to come

Thursday, SEPTEMBER 3

246th Day—119 days to come

Friday, SEPTEMBER 4

247th Day—118 days to come

Saturday, SEPTEMBER 5

248th Day—117 days to come

Nt of Century Head Row

Block 38 = 381 ✓
39 = 375 ✓
40 = 433 ✓
41 = 400 ✓

1589 lbs.

Sunday, SEPTEMBER 6

249th Day—116 days to come

Monday, SEPTEMBER 7

250th Day—115 days to come

Tuesday, SEPTEMBER 8

251st Day—114 days to come

Wednesday, SEPTEMBER 9

252nd Day—113 days to come

Thursday, SEPTEMBER 10

253rd Day—112 days to come

Friday, SEPTEMBER 11

254th Day—111 days to come

Julio Arellano visited Fletcher accompanied by Mr. Rocca & Alvarez

Saturday, SEPTEMBER 12

255th Day—110 days to come

Sunday, SEPTEMBER 13

256th Day—109 days to come

Monday, SEPTEMBER 14

257th Day—108 days to come

Tuesday, SEPTEMBER 15

258th Day—107 days to come

Wednesday, SEPTEMBER 16

259th Day—106 days to come

Thursday, SEPTEMBER 17

260th Day—105 days to come

Friday, SEPTEMBER 18

261st Day—104 days to come

Saturday, SEPTEMBER 19

262nd Day—103 days to come

Sunday, SEPTEMBER 20

263rd Day—102 days to come

Monday, SEPTEMBER 21

264th Day—101 days to come

Tuesday, SEPTEMBER 22

265th Day—100 days to come

Wednesday, SEPTEMBER 23

266th Day—99 days to come

Thursday, SEPTEMBER 24

267th Day—98 days to come

Friday, SEPTEMBER 25

268th Day—97 days to come

Saturday, SEPTEMBER 26

269th Day—96 days to come

Sunday, SEPTEMBER 27

270th Day—95 days to come

Monday, SEPTEMBER 28

271st Day—94 days to come

Hart field, TP49; prob. sown about April 1
drained about June 1-15; ripe about
Oct 8-10. (check planting date) (Fert. about
9-18-9 at plant, 200#) Top dress 100
#16-20-0 about June 15.

Fed cattle on area, rec'd straw
fed mostly, cattle tramped on area
when wet, normal rec'd on new
lucas wheat were removed and
pushed in spring after planting.

---

cut Boyt Imp BBD, today
Hods one truck load.
found a large number of Rattle
Grasses in field. Were mod p
Types both rough + smooth +
late maturing.

Tuesday, SEPTEMBER 29

272nd Day—93 days to come

Wednesday, SEPTEMBER 30

273rd Day—92 days to come

Trip to Imay, Jamedo & Eagle Lake

Thursday, OCTOBER 1

274th Day—91 days to come

Rogued BB#50 Found of
maturity and 10½ ft of
Imp BB# (Found) of Ronald Meek.
mock field showed a number of
off types (prob. F1's). Many were
med grain types, mostly
smooth, Examine dockins
rejections for med-grain types.
Maturity field OK except
for patch of Century found
in edge of field. All rogued
out this.

Sr. Brut 7.'45
am. Jamedo 11.'30
Sr Jamedo

Friday, OCTOBER 2

275th Day—90 days to come

To Eagle Lake,

Saturday, OCTOBER 3

276th Day—89 days to come

Sunday, OCTOBER 4

277th Day—88 days to come

Monday, OCTOBER 5

278th Day—87 days to come

Tuesday, OCTOBER 6

279th Day—86 days to come

Wednesday, OCTOBER 7

280th Day—85 days to come

Thursday, OCTOBER 8

281st Day—84 days to come

Friday, OCTOBER 9

282nd Day—83 days to come

Saturday, OCTOBER 10

283rd Day—82 days to come

Sunday, OCTOBER 11

284th Day—81 days to come

Monday, OCTOBER 12

285th Day—80 days to come

Tuesday, OCTOBER 13

286th Day—79 days to come

Wednesday, OCTOBER 14

287th Day—78 days to come

Thursday, OCTOBER 15

288th Day—77 days to come

Friday, OCTOBER 16

289th Day—76 days to come

Saturday, OCTOBER 17

290th Day—75 days to come

Sunday, OCTOBER 18

291st Day—74 days to come

Monday, OCTOBER 19

292nd Day—73 days to come

Tuesday, OCTOBER 20

293rd Day—72 days to come

Wednesday, OCTOBER 21

294th Day—71 days to come

Thursday, OCTOBER 22

295th Day—70 days to come

Trip to Eagle Lake + Irving
Color pictures at Eagle Lake

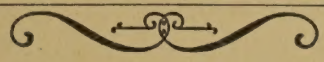
Drained wet
B455A1-25
Imp BBt
BBt??
not drained wet
C231 } Sunk?
Century
B455A1-25
Imp Bbt.
BBt?

Romville Rice Agric

Supt. Agri
Kingston

Sharp

1954 — *Calendar* — 1954



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Knickerbocker Leather & Novelty Co., Inc., N. Y.